NAME OF WORK : Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

EMB

First and Final Bill

Pre-Measurement Sheet

(Book No.01)

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.03		**Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		24.08.2022									
		Ganesh Nagar									
		8th Cross Road									
		LHS(From Telcom Main)									
		(North to South)									
0.00	12.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
16.00	26.00		Sqm	1	10.00	1.35	1.35	1.35		13.50	
35.00	44.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
46.45	51.50		Sqm	1	5.05	1.35	1.35	1.35		6.82	
		LHS									
		(North to South)									AEE (VRP) SD
0.00	12.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
15.00	21.50	**Road Break**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
24.00	36.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
38.00	49.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
55.00	59.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
62.00	67.00	**Road Break**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
75.00	82.00		Sqm	1	7.00	1.35	1.35	1.35		9.45	
86.00	95.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
99.00	102.00	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
102.10	109.40		Sqm	1	7.30	1.35	1.35	1.35		9.86	
		RHS									AEE (VRP) SD
		(South to North)									
0.00	12.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
16.00	24.90		Sqm	1	8.90	1.35	1.35	1.35		12.02	
32.00	40.50		Sqm	1	8.50	1.35	1.35	1.35		11.48	
43.00	47.00	**Road Break**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
51.00	63.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
64.00	72.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
81.00	86.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
86.60	95.60	**Road Break**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
95.60	114.00	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
		RHS									AEE (VRP) SD
		(South to North)									
0.00	10.72		Sqm	1	10.72	1.35	1.35	1.35		14.47	
15.00	24.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
29.00	40.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
44.00	48.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
		8th A Opposite Road									AEE (VRP) SD
		LHS									
		(From West to East)									
0.00	12.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
15.00	17.00		Sqm	1	2.00	1.35	1.35	1.35		2.70	
19.00	21.00	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
23.00	31.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	

282.78

CIVIL Sig Date BANGALORE

Contactor PMC Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Assistant executive Engineer

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		RHS									282.78
		(From East to West)									
0.00	11.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
16.00	24.71		Sqm	1	8.71	1.35	1.35	1.35		11.76	
30.00	34.30		Sqm	1	4.30	1.35	1.35	1.35		5.81	
		8th A Cross Road									
		LHS									
		(From East to West)									
0.00	11.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
16.00	27.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
34.00	41.00		Sqm	1	7.00	1.35	1.35	1.35		9.45	
48.45	64.80		Sqm	1	16.35	1.35	1.35	1.35		22.07	
		RHS									
		(West to East)									
0.00	10.00		Sqm	1	10.00	1.35	1.35	1.35		13.50	
17.00	26.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
31.00	42.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
46.00	56.71		Sqm	1	10.71	1.35	1.35	1.35		14.46	
60.00	64.30		Sqm	1	4.30	1.35	1.35	1.35		5.81	
		8th B Opposite Road									
		LHS									
		(West to East)									
0.00	11.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
19.26	28.00		Sqm	1	8.74	1.35	1.35	1.35		11.80	
30.00	34.20		Sqm	1	4.20	1.35	1.35	1.35		5.67	
		RHS									
		(East to West)									
0.00	12.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
18.30	27.00		Sqm	1	8.70	1.35	1.35	1.35		11.75	
30.00	31.00		Sqm	1	1.00	1.35	1.35	1.35		1.35	
		8th B Cross Road									
		LHS									
		(From East to West)									
0.00	11.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
17.00	28.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
32.00	41.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
45.00	48.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	
48.00	49.50	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
54.00	63.88		Sqm	1	9.88	1.35	1.35	1.35		13.34	
64.50	65.20		Sqm	1	0.70	1.35	1.35	1.35		0.95	
		6th Cross Road									
		LHS									
		(From North to South)									
0.00	12.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
17.00	29.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
35.00	44.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
45.00	51.70		Sqm	1	6.70	1.35	1.35	1.35		9.05	
56.00	61.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
69.00	76.00		Sqm	1	7.00	1.35	1.35	1.35		9.45	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

682.77

CIVIL Sig Date BANGALORE

K. Sankarred
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
81.70	82.40		Sqm	1	0.70	1.35	1.35	1.35		0.95	6-28-77
86.00	95.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
103.82	135.10		Sqm	1	31.28	1.35	1.35	1.35		42.23	
135.10	140.70	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
140.70	147.00		Sqm	1	6.30	1.35	1.35	1.35		8.51	
		RHS									
		(South to North)									
0.00	9.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
21.00	27.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
32.00	43.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
47.00	55.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
61.00	73.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
77.00	89.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
93.00	102.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
105.00	120.00		Sqm	1	15.00	1.35	1.35	1.35		20.25	
124.00	133.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
135.00	148.65		Sqm	1	13.65	1.35	1.35	1.35		18.43	
		7th A Cross Road									
		LHS									
		(From North to South)									
0.00	9.60		Sqm	1	9.60	1.35	1.35	1.35		12.96	
15.00	24.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
25.20	35.10	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
37.00	49.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
54.80	64.60		Sqm	1	9.80	1.35	1.35	1.35		13.23	
68.00	75.00		Sqm	1	7.00	1.35	1.35	1.35		9.45	
83.00	91.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
97.80	110.10		Sqm	1	12.30	1.35	1.35	1.35		16.61	
110.40	119.00		Sqm	1	8.60	1.35	1.35	1.35		11.61	
		RHS									
		(South to North)									
0.00	11.60		Sqm	1	11.60	1.35	1.35	1.35		15.66	
15.00	19.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
23.00	31.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
38.70	49.00		Sqm	1	10.30	1.35	1.35	1.35		13.91	
54.00	63.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
68.00	79.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
83.00	94.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
98.00	109.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
111.00	117.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
		7th Cross Road									
		LHS									
		(From North to South)									
0.00	12.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
16.00	25.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
33.00	44.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
48.00	59.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
65.00	69.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
69.00	70.50	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
75.00	83.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
88.00	100.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

1137-89

CIVIL P... Sig..... Date..... BANGALORE

K. Jankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Assistant executive Engineer

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
103.20	115.50		Sqm	1	12.30	1.35	1.35	1.35		16.61	= 1125+89
117.00	125.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
130.50	140.60		Sqm	1	10.10	1.35	1.35	1.35		13.64	
		RHS									
0.00	9.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
15.00	26.20		Sqm	1	11.20	1.35	1.35	1.35		15.12	
26.20	35.20	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
37.00	49.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
54.00	62.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
67.00	78.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
82.10	89.00		Sqm	1	6.90	1.35	1.35	1.35		9.32	
97.00	108.70		Sqm	1	11.70	1.35	1.35	1.35		15.80	
108.70	138.00	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
		Siddivinayaka Layout									
		4th Main Road									
		LHS									
		(From West to East)									
0.00	10.20		Sqm	1	10.20	1.35	1.35	1.35		13.77	
15.00	24.60		Sqm	1	9.60	1.35	1.35	1.35		12.96	
24.60	34.80	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
34.80	39.30	**Culvert**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
39.30	43.00		Sqm	1	3.70	1.35	1.35	1.35		5.00	
46.00	54.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
63.00	71.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
76.00	85.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
93.00	101.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
103.00	108.30		Sqm	1	5.30	1.35	1.35	1.35		7.16	
108.30	114.00	**Road Break**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
117.00	125.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
131.00	142.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
144.00	151.00		Sqm	1	7.00	1.35	1.35	1.35		9.45	
151.00	157.30	**Road Break**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
158.00	171.00		Sqm	1	13.00	1.35	1.35	1.35		17.55	
175.00	185.20		Sqm	1	10.20	1.35	1.35	1.35		13.77	
187.30	192.00		Sqm	1	4.70	1.35	1.35	1.35		6.34	
		RHS									
		(West to East)									
0.00	9.80		Sqm	1	9.80	1.35	1.35	1.35		13.23	
15.00	27.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
31.00	42.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
43.90	55.90		Sqm	1	12.00	1.35	1.35	1.35		16.20	
58.00	69.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
74.00	82.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
88.00	97.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
102.00	113.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
115.90	116.30		Sqm	1	0.40	1.35	1.35	1.35		0.54	
116.30	118.80	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
119.00	131.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
136.00	144.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
149.00	154.50		Sqm	1	5.50	1.35	1.35	1.35		7.43	
166.80	177.00		Sqm	1	10.20	1.35	1.35	1.35		13.77	
178.80	190.50		Sqm	1	11.70	1.35	1.35	1.35		15.80	

AEE (VRP) SD

AEE (VRP) S

AEE (VRP) SD

1007-02

CIVIL PMC BANGALORE Sig. Date

Contactor PMC Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Assistant executive Engineer

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		2nd A Cross Road									1607.02
		LHS									
		(From South to North)									
0.00	10.50		Sqm	1	10.50	1.35	1.35	1.35		14.18	
17.00	25.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
30.40	39.48		Sqm	1	9.08	1.35	1.35	1.35		12.26	AEE (VRP) SD
		RHS									
		(From North to South)									
0.00	9.80		Sqm	1	9.80	1.35	1.35	1.35		13.23	
18.60	27.00		Sqm	1	8.40	1.35	1.35	1.35		11.34	
30.00	39.30		Sqm	1	9.30	1.35	1.35	1.35		12.56	AEE (VRP) SD
		2nd Cross Road									
		LHS									
		(From South to North)									
0.00	11.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
19.00	26.20		Sqm	1	7.20	1.35	1.35	1.35		9.72	
30.00	39.30		Sqm	1	9.30	1.35	1.35	1.35		12.56	AEE (VRP) SD
		RHS									
		(From North to South)									
0.00	2.10	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
4.00	11.00		Sqm	1	7.00	1.35	1.35	1.35		9.45	
12.00	21.60	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
24.39	34.00		Sqm	1	9.61	1.35	1.35	1.35		12.97	
36.60	39.30		Sqm	1	2.70	1.35	1.35	1.35		3.64	
		Maruthi Layout									
		9th Cross Road									
		LHS									
		(From South to North)									
0.00	11.60		Sqm	1	11.60	1.35	1.35	1.35		15.66	
19.00	24.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
35.00	44.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
47.00	58.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	
63.00	71.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
77.00	89.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
89.10	105.00		Sqm	1	15.90	1.35	1.35	1.35		21.47	
105.00	108.30		Sqm	1	3.30	1.35	1.35	1.35		4.46	AEE (VRP) SD
		RHS									
		(From North to South)									
0.00	9.50		Sqm	1	9.50	1.35	1.35	1.35		12.83	
17.00	27.90		Sqm	1	10.90	1.35	1.35	1.35		14.72	
27.90	37.30	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
39.00	48.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
53.64	64.00		Sqm	1	10.36	1.35	1.35	1.35		13.99	
69.00	77.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
86.00	94.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
97.30	98.10		Sqm	1	0.80	1.35	1.35	1.35		1.08	
98.10	100.00	**No Work**	Sqm	1	0.00	1.35	1.35	1.35		0.00	AEE (VRP) SD
100.00	109.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
									Total Executed Quantity	**1935.41**	
									Qty Carried to Summary	**1935.41**	

CIVIL P.T.O BANGALORE Sig..... Date.....

Contactor PMC Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.04		**Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. and as per the directions of the Engineer-in-charge of the work .**								
Measurements taken on		30-08-2022									
		Pillappa Layout									
		2nd Cross Road									
		LHS									
		(From North to South)									
		Jeevanadi Sanskar Appartment Road									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
60.00	66.40		Cum	1	6.40	1.10	1.10	1.10	0.90	6.34	
66.40	71.90	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.90	0.00	
71.90	86.90		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
86.90	101.90		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
101.90	116.90		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
116.90	131.90		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
131.90	145.10	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.90	0.00	
145.10	160.10		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
160.10	175.10		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
175.10	190.10		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
190.10	193.50		Cum	1	3.40	1.10	1.10	1.10	0.90	3.37	
193.50	201.00	**Culvert**	Cum	1	0.00	1.10	1.10	1.10	0.90	0.00	
201.00	216.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
216.00	219.90		Cum	1	3.90	1.10	1.10	1.10	0.90	3.86	
219.90	251.40	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.90	0.00	
251.40	266.40		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
266.40	281.40		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
281.40	293.50		Cum	1	12.10	1.10	1.10	1.10	0.90	11.98	
		RHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	1.15	18.98	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	1.15	18.98	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	1.15	18.98	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	1.15	18.98	
60.00	75.00		Cum	1	15.00	1.10	1.10	1.10	1.15	18.98	
75.00	88.50		Cum	1	13.50	1.10	1.10	1.10	1.15	17.08	
88.50	103.50		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
103.50	113.40		Cum	1	9.90	1.10	1.10	1.10	0.90	9.80	

AEE (VRP) SD

370.05

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Assistant executive Engineer

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		1st Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.80	13.20	370.05
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.82	13.53	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
60.00	69.00	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.90	0.00	
69.00	84.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
84.00	99.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
99.00	114.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
114.00	129.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
129.00	144.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
144.00	159.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
159.00	174.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
174.00	183.90	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.90	0.00	
183.90	192.10		Cum	1	8.20	1.10	1.10	1.10	0.90	8.12	
		RHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.80	13.20	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.80	13.20	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
60.00	75.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
75.00	90.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
90.00	105.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
105.00	120.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
120.00	135.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
135.00	150.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
150.00	165.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
165.00	168.70	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.90	0.00	
168.70	184.80		Cum	1	16.10	1.10	1.10	1.10	0.90	15.94	
		Cross Road 1									
		LHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
15.00	28.00		Cum	1	13.00	1.10	1.10	1.10	0.90	12.87	
		RHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
30.00	36.77		Cum	1	6.77	1.10	1.10	1.10	0.90	6.70	
		Jeevanadie Beside Road									
		RHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	1.40	1.40	1.40	1.20	25.20	
15.00	29.00		Cum	1	14.00	1.40	1.40	1.40	1.20	23.52	

827.32

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

K. Sankar Reddy

Contactor PMC Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Assistant executive Engineer

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		Ganesh Nagar									
		11th Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
60.00	75.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
75.00	90.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
90.00	105.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
105.00	120.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
120.00	135.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
135.00	150.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
150.00	156.70		Cum	1	6.70	1.10	1.10	1.10	0.90	6.63	
0.00	7.20		Cum	1	7.20	1.10	1.10	1.10	0.90	7.13	
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
60.00	75.00		Cum	1	15.00	1.10	1.10	1.10	0.85	14.03	
75.00	90.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
90.00	105.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
105.00	120.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
120.00	135.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
135.00	150.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
150.00	155.40		Cum	1	5.40	1.10	1.10	1.10	0.90	5.35	
		Siddivinayaka Layout									
		Cross Road 3									
		LHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	0.80	0.80	0.80	0.80	9.60	
15.00	28.60		Cum	1	13.60	0.80	0.70	0.75	0.75	7.65	
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	0.80	0.80	0.80	0.75	9.00	
15.00	28.70		Cum	1	13.70	0.80	0.80	0.80	0.80	8.77	
		1st Main Road									
		LHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.80	0.80	0.80	0.82	9.84	
15.00	21.30		Cum	1	6.30	0.80	0.80	0.80	0.82	4.13	
21.30	30.20	**No Work**	Cum	1	0.00	0.80	0.80	0.80	0.82	0.00	
30.20	45.20		Cum	1	15.00	0.80	0.80	0.80	0.82	9.84	
45.20	60.20		Cum	1	15.00	0.80	0.80	0.80	0.82	9.84	
60.20	75.20		Cum	1	15.00	0.80	0.80	0.80	0.82	9.84	
75.20	90.20		Cum	1	15.00	0.80	0.80	0.80	0.82	9.84	
90.20	105.20		Cum	1	15.00	0.80	0.80	0.80	0.75	9.00	
105.20	112.70		Cum	1	7.50	0.80	0.80	0.80	0.75	4.50	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		RHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	0.80	0.80	0.80	0.90	10.80	
15.00	30.00		Cum	1	15.00	0.80	0.80	0.80	0.90	10.80	
30.00	45.00		Cum	1	15.00	0.80	0.80	0.80	0.90	10.80	
45.00	60.00		Cum	1	15.00	0.80	0.80	0.80	0.90	10.80	
60.00	75.00		Cum	1	15.00	0.80	0.80	0.80	0.90	10.80	
75.00	90.00		Cum	1	15.00	0.80	0.80	0.80	0.82	9.84	
90.00	105.00		Cum	1	15.00	0.80	0.80	0.80	0.82	9.84	
105.00	112.80		Cum	1	7.80	0.80	0.80	0.80	0.82	5.12	
		Ganesh Nagar									
		7th Cross Road									
		R.H.S									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	1.09	17.90	
15.00	21.00		Cum	1	6.00	1.10	1.10	1.10	0.94	6.17	
21.00	36.00		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
36.00	36.20		Cum	1	0.20	1.10	1.10	1.10	0.90	0.20	
36.20	51.20		Cum	1	15.00	1.10	1.10	1.10	1.05	17.33	
51.20	52.00		Cum	1	0.80	1.10	1.10	1.10	1.20	1.06	
52.00	67.00		Cum	1	15.00	1.10	1.10	1.10	1.13	18.56	
67.00	82.00		Cum	1	15.00	1.10	1.10	1.10	1.05	17.33	
82.00	97.00		Cum	1	15.00	1.10	1.10	1.10	1.05	17.33	
97.00	112.00		Cum	1	15.00	1.10	1.10	1.10	1.05	17.33	
112.00	125.30		Cum	1	13.30	1.10	1.10	1.10	1.05	15.36	
		L.H.S									
0.00	8.70		Cum	1	8.70	1.10	1.10	1.10	1.14	10.91	
8.70	23.70		Cum	1	15.00	1.10	1.10	1.10	1.14	18.81	
23.70	38.70		Cum	1	15.00	1.10	1.10	1.10	1.20	19.80	
38.70	42.10		Cum	1	3.40	1.10	1.10	1.10	1.20	4.49	
42.10	57.10		Cum	1	15.00	1.10	1.10	1.10	1.13	18.65	
57.10	62.00		Cum	1	4.90	1.10	1.10	1.10	1.06	5.71	
62.00	67.30		Cum	1	5.30	1.10	1.10	1.10	1.13	6.59	
67.30	82.30		Cum	1	15.00	1.10	1.10	1.10	1.20	19.80	
82.30	89.80		Cum	1	7.50	1.10	1.10	1.10	1.20	9.90	
89.80	99.80		Cum	1	10.00	1.10	1.10	1.10	1.20	13.20	
99.80	114.80		Cum	1	15.00	1.10	1.10	1.10	1.10	18.15	
114.80	126.30		Cum	1	11.50	1.10	1.10	1.10	1.00	12.65	
126.30	135.60		Cum	1	9.30	1.10	1.10	1.10	1.08	11.00	
135.60	144.60		Cum	1	9.00	1.10	1.10	1.10	1.13	11.14	
144.60	159.60		Cum	1	15.00	1.10	1.10	1.10	1.14	18.73	
159.60	161.10		Cum	1	1.50	1.10	1.10	1.10	1.17	1.93	
		Culvert									
		Pillappa Layout									
		Cross Road									
			Cum	1	7.30	1.70	1.70	1.70	0.85	10.55	
		Siddivinayaka Layout									
		Cross Road 3									
			Cum	1	4.40	1.40	1.40	1.40	0.85	5.24	
		1st Main Road									
			Cum	1	3.80	1.40	1.40	1.40	0.85	4.52	

1257.08

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

1681.03

CIVIL P.O. Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		Danalakshmi Layout									1691.03
		5th Main Road									
			Cum	1	5.00	1.40	1.40	1.40	0.85	5.95	
		Inside Lake Drain									
		LHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	1.40	1.40	1.40	1.62	34.02	
15.00	30.00		Cum	1	15.00	1.40	1.40	1.40	1.62	34.02	
30.00	44.90		Cum	1	14.90	1.40	1.40	1.40	1.62	33.79	
		8th A Main Chathrapathi shivaji Road									
			Cum	1	11.10	1.70	1.70	1.70	0.95	17.[illegible]	AEE (VRP) SD
		6th Cross Sonappa Layout									
			Cum	1	6.50	1.70	1.70	1.70	0.95	10.50	
		Drain Desilt									
		Ganesh Nagar									
		8th Cross Road									
		LHS(From Telcom Main)									
		(North to South)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	45.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45.00	51.50		Cum	1	6.50	0.45	0.45	0.45	0.45	1.32	
		LHS									
		(North to South)									
0.00	13.70		Cum	1	13.70	0.45	0.45	0.45	0.45	2.77	
13.70	21.50	**Road Break**	Cum	1	0.00	0.45	0.45	0.45	0.45	~~0.00~~	
21.50	36.50		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
36.50	51.50		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
51.50	59.50		Cum	1	8.00	0.45	0.45	0.45	0.45	1.62	
59.50	68.50	**Road Break**	Cum	1	0.00	0.45	0.45	0.45	0.45	~~0.00~~	
68.50	83.50		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
83.50	98.50		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
98.50	102.10	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	AEE (VRP) SD
102.10	109.40		Cum	1	7.30	0.45	0.45	0.45	0.45	1.48	
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	40.50		Cum	1	10.50	0.45	0.45	0.45	0.45	2.13	
40.50	49.40	**Road Break**	Cum	1	0.00	0.45	0.45	0.45	0.45	~~0.00~~	
49.40	64.40		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
64.40	79.40		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
79.40	86.60		Cum	1	7.20	0.45	0.45	0.45	0.45	1.46	
86.60	95.60	**Road Break**	Cum	1	0.00	0.45	0.45	0.45	0.45	~~0.00~~	
95.60	114.00	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	AEE (VRP) SD

1861.43

CIVIL Pro Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		RHS									1861.43
		(South to North)									
0.00	13.10		Cum	1	13.10	0.45	0.45	0.45	0.45	2.65	
13.10	28.10		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
28.10	43.10		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
43.10	49.60		Cum	1	6.50	0.45	0.45	0.45	0.45	1.32	
		8th A Opposite Road									
		LHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	18.60		Cum	1	3.60	0.45	0.45	0.45	0.45	0.73	
18.60	21.20	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	~~0.00~~	
21.20	33.50		Cum	1	12.30	0.45	0.45	0.45	0.45	2.49	
		RHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	34.30		Cum	1	4.30	0.45	0.45	0.45	0.45	0.87	
											AEE (VRP) SD
		8th A Cross Road									
		LHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	45.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45.00	64.80		Cum	1	19.80	0.45	0.45	0.45	0.45	4.01	
		RHS									AEE (VRP) SD
		(West to East)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	45.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45.00	60.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
60.00	64.30		Cum	1	4.30	0.45	0.45	0.45	0.45	0.87	
		8th B Opposite Road									AEE (VRP) SD
		LHS									
		(West to East)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	34.20		Cum	1	4.20	0.45	0.45	0.45	0.45	0.85	
		RHS									AEE (VRP) SD
		(East to West)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	31.00		Cum	1	1.00	0.45	0.45	0.45	0.45	0.20	
		8th B Cross Road									AEE (VRP) SD
		LHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	

1830.09
AEE (VRP) SD

CIVIL ★ BANGALORE ★ Sig Date

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
30.00	45.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45.00	48.00		Cum	1	3.00	0.45	0.45	0.45	0.45	0.61	
48.00	49.50	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
49.50	64.50		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
64.50	65.20		Cum	1	0.70	0.45	0.45	0.45	0.45	0.14	
		6th Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	45.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45.00	51.70		Cum	1	6.70	0.45	0.45	0.45	0.45	1.36	
51.70	66.70		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
66.70	81.70		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
81.70	82.40		Cum	1	0.70	0.45	0.45	0.45	0.45	0.14	
82.40	97.40		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
97.40	135.10		Cum	1	37.70	0.45	0.45	0.45	0.45	7.63	
135.10	140.70	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
140.70	147.00		Cum	1	6.30	0.45	0.45	0.45	0.45	1.28	
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	45.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45.00	60.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
60.00	75.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
75.00	90.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
90.00	105.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
105.00	120.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
120.00	135.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
135.00	149.50		Cum	1	14.50	0.45	0.45	0.45	0.45	2.94	
		7th A Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	25.20		Cum	1	10.20	0.45	0.45	0.45	0.45	2.07	
25.20	35.10	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
35.10	50.10		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
50.10	65.10		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
65.10	80.10		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
80.10	95.10		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
95.10	110.10		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
110.10	119.00		Cum	1	8.90	0.45	0.45	0.45	0.45	1.80	
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	21.00		Cum	1	6.00	0.45	0.45	0.45	0.45	1.22	
21.00	36.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
36.00	51.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
51.00	66.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
66.00	81.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	

AEE (VRP) SD 30.09

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD 2034.32

CIVIL Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
81.00	96.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
96.00	111.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
111.00	117.00		Cum	1	6.00	0.45	0.45	0.45	0.45	1.22	
		7th Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	45.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45.00	60.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
60.00	69.00		Cum	1	9.00	0.45	0.45	0.45	0.45	1.82	
69.00	70.50	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
70.50	85.50		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
85.50	100.50		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
100.50	115.50		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
115.50	130.50		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
130.50	140.60		Cum	1	10.10	0.45	0.45	0.45	0.45	2.05	
		RHS									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	26.20		Cum	1	11.20	0.45	0.45	0.45	0.45	2.27	
26.20	35.20	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
35.20	50.20		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
50.20	65.20		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
65.20	80.20		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
80.20	95.20		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
95.20	108.70		Cum	1	13.50	0.45	0.45	0.45	0.45	2.73	
108.70	138.00	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
		Siddivinayaka Layout									
		4th Main Road									
		LHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	24.60		Cum	1	9.60	0.45	0.45	0.45	0.45	1.94	
24.60	34.80	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
34.80	39.30	**Culvert**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
39.30	43.00		Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
43.00	58.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
58.00	73.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
73.00	88.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
88.00	103.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
103.00	108.30		Cum	1	5.30	0.45	0.45	0.45	0.45	1.07	
108.30	114.00	**Road Break**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
114.00	129.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
129.00	144.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
144.00	151.00		Cum	1	7.00	0.45	0.45	0.45	0.45	1.42	
151.00	157.30	**Road Break**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
157.30	172.30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
172.30	187.30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
187.30	192.00		Cum	1	4.70	0.45	0.45	0.45	0.45	0.95	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

Sig. Date

Contactor PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		RHS									
		(West to East)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	28.90		Cum	1	13.90	0.45	0.45	0.45	0.45	2.81	
28.90	43.90		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
43.90	55.90		Cum	1	12.00	0.45	0.45	0.45	0.45	2.43	
55.90	70.90		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
70.90	85.90		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
85.90	100.90		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
100.90	115.90		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
115.90	116.30		Cum	1	0.40	0.45	0.45	0.45	0.45	0.08	
116.30	118.80	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
118.80	133.80		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
133.80	148.80		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
148.80	163.80		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
163.80	178.80		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
178.80	190.50		Cum	1	11.70	0.45	0.45	0.45	0.45	2.37	
		2nd A Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	39.40		Cum	1	9.40	0.45	0.45	0.45	0.45	1.90	
		RHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	39.30		Cum	1	9.30	0.45	0.45	0.45	0.45	1.88	
		2nd Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	39.30		Cum	1	9.30	0.45	0.45	0.45	0.45	1.88	
		RHS									
		(From North to South)									
0.00	2.10	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
2.10	12.00		Cum	1	9.90	0.45	0.45	0.45	0.45	2.00	
12.00	21.60	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
21.60	36.60		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
36.60	39.30		Cum	1	2.70	0.45	0.45	0.45	0.45	0.55	
		Maruthi Layout									
		9th Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	30.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30.00	45.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45.00	60.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
60.00	75.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	

2122.69

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL B'LORE Sig..... Date..... BANGALORE

H. Shankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97
Assistant executive Engineer

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
75.00	90.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	2205.43
90.00	105.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
105.00	108.30		Cum	1	3.30	0.45	0.45	0.45	0.45	0.67	
		RHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15.00	27.90		Cum	1	12.90	0.45	0.45	0.45	0.45	2.61	
27.90	37.30	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
37.30	52.30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
52.30	67.30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
67.30	82.30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
82.30	97.30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
97.30	98.10		Cum	1	0.80	0.45	0.45	0.45	0.45	0.16	
98.10	100.00	**No Work**	Cum	1	0.00	0.45	0.45	0.45	0.45	0.00	
100.00	109.00		Cum	1	9.00	0.45	0.45	0.45	0.45	1.82	
									Total Executed Quantity	**2231.96**	
									Qty Carried to Summary	**2231.96**	

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.05		Providing granite slabs of selected quality roughly dressed having a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., completeand as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		02-09-2022									
		Ganesh Nagar									
		8th Cross Road									
		LHS(From Telcom Main)									
		(North to South)									
12.00	16.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
26.00	35.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
44.00	46.45		Sqm	1	2.45	1.35	1.35	1.35		3.31	
		LHS									
		(North to South)									
12.00	15.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	
21.50	24.00	**Road Break**	Sqm	1	2.50	1.35	1.35	1.35		3.38	
36.00	38.00		Sqm	1	2.00	1.35	1.35	1.35		2.70	
49.00	55.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
59.00	62.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	
67.00	75.00	**Road Break**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
82.00	86.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
95.00	99.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
102.00	102.10		Sqm	1	0.10	1.35	1.35	1.35		0.13	
		RHS									
		(South to North)									
12.00	16.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
24.90	32.00		Sqm	1	7.10	1.35	1.35	1.35		9.59	
40.50	43.00		Sqm	1	2.50	1.35	1.35	1.35		3.38	
47.00	51.00	**Road Break**	Sqm	1	0.00	1.35	1.35	1.35		0.00	
63.00	64.00		Sqm	1	1.00	1.35	1.35	1.35		1.35	
72.00	81.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
86.00	86.60		Sqm	1	0.60	1.35	1.35	1.35		0.81	
		RHS									
		(South to North)									
10.72	15.00		Sqm	1	4.28	1.35	1.35	1.35		5.78	
24.00	29.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
40.00	44.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
		8th A Opposite Road									
		LHS									
		(From West to East)									
12.00	15.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	
17.00	19.00		Sqm	1	2.00	1.35	1.35	1.35		2.70	
21.00	23.00		Sqm	1	2.00	1.35	1.35	1.35		2.70	
		RHS									
		(From East to West)									
11.00	16.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
24.71	30.00		Sqm	1	5.29	1.35	1.35	1.35		7.14	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL Sig Date BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		8th A Cross Road									
		LHS									
		(From East to West)								129.01	
11.00	16.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
27.00	34.00		Sqm	1	7.00	1.35	1.35	1.35		9.45	
41.00	48.45		Sqm	1	7.45	1.35	1.35	1.35		10.06	
		RHS									AEE (VRP) SD
		(West to East)									
10.00	17.00		Sqm	1	7.00	1.35	1.35	1.35		9.45	
26.00	31.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
42.00	46.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
56.71	60.00		Sqm	1	3.29	1.35	1.35	1.35		4.44	AEE (VRP) SD
		8th B Opposite Road									
		LHS									
		(West to East)									
11.00	19.26		Sqm	1	8.26	1.35	1.35	1.35		11.15	
28.00	30.00		Sqm	1	2.00	1.35	1.35	1.35		2.70	
											AEE (VRP) SD
		RHS									
		(East to West)									
12.00	18.30		Sqm	1	6.30	1.35	1.35	1.35		8.51	
27.00	30.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	
											AEE (VRP) SD
		8th B Cross Road									
		LHS									
		(From East to West)									
11.00	17.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
28.00	32.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
41.00	45.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
49.50	54.00		Sqm	1	4.50	1.35	1.35	1.35		6.08	
63.88	64.50		Sqm	1	0.62	1.35	1.35	1.35		0.84	AEE (VRP) SD
		6th Cross Road									
		LHS									
		(From North to South)									
12.00	17.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
29.00	35.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
44.00	45.00		Sqm	1	1.00	1.35	1.35	1.35		1.35	
51.70	56.00		Sqm	1	4.30	1.35	1.35	1.35		5.81	
61.00	69.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
76.00	81.70		Sqm	1	5.70	1.35	1.35	1.35		7.70	
82.40	86.00		Sqm	1	3.60	1.35	1.35	1.35		4.86	
95.00	103.82		Sqm	1	8.82	1.35	1.35	1.35		11.91	
		RHS									
		(South to North)									
9.00	21.00		Sqm	1	12.00	1.35	1.35	1.35		16.20	
27.00	32.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
43.00	47.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
55.00	61.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
73.00	77.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
89.00	93.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
102.00	105.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	

AEE (VRP) SD

CIVIL Sig. Date. BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
120.00	124.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
133.00	135.00		Sqm	1	2.00	1.35	1.35	1.35		2.70	
		7th A Cross Road									
		LHS									
		(From North to South)									
9.60	15.00		Sqm	1	5.40	1.35	1.35	1.35		7.29	
24.00	25.20		Sqm	1	1.20	1.35	1.35	1.35		1.62	
35.10	37.00		Sqm	1	1.90	1.35	1.35	1.35		2.57	
49.00	54.80		Sqm	1	5.80	1.35	1.35	1.35		7.83	
64.60	68.00		Sqm	1	3.40	1.35	1.35	1.35		4.59	
75.00	83.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
91.00	97.80		Sqm	1	6.80	1.35	1.35	1.35		9.18	
110.10	110.40		Sqm	1	0.30	1.35	1.35	1.35		0.41	
		RHS									
		(South to North)									
11.60	15.00		Sqm	1	3.40	1.35	1.35	1.35		4.59	
19.00	23.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
31.00	38.70		Sqm	1	7.70	1.35	1.35	1.35		10.40	
49.00	54.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
63.00	68.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
79.00	83.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
94.00	98.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
109.00	111.00		Sqm	1	2.00	1.35	1.35	1.35		2.70	
		7th Cross Road									
		LHS									
		(From North to South)									
12.00	16.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
25.00	33.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
44.00	48.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
59.00	65.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
70.50	75.00		Sqm	1	4.50	1.35	1.35	1.35		6.08	
83.00	88.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
100.00	103.20		Sqm	1	3.20	1.35	1.35	1.35		4.32	
115.50	117.00		Sqm	1	1.50	1.35	1.35	1.35		2.03	
125.00	130.50		Sqm	1	5.50	1.35	1.35	1.35		7.43	
		RHS									
9.00	15.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
35.20	37.00		Sqm	1	1.80	1.35	1.35	1.35		2.43	
49.00	54.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
62.00	67.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
78.00	82.10		Sqm	1	4.10	1.35	1.35	1.35		5.53	
89.00	97.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
		Siddivinayaka Layout									
		4th Main Road									
		LHS									
		(From West to East)									
10.20	15.00		Sqm	1	4.80	1.35	1.35	1.35		6.48	
43.00	46.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	
54.00	63.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
71.00	76.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	

566.95

CIVIL ★ BANGALORE ★ Sig Date

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer
Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
85.00	93.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
101.00	103.00		Sqm	1	2.00	1.35	1.35	1.35		2.70	
114.00	117.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	
125.00	131.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
142.00	144.00		Sqm	1	2.00	1.35	1.35	1.35		2.70	
157.30	158.00		Sqm	1	0.70	1.35	1.35	1.35		0.94	
171.00	175.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
185.20	187.30		Sqm	1	2.10	1.35	1.35	1.35		2.84	
		RHS									
		(West to East)									
9.80	15.00		Sqm	1	5.20	1.35	1.35	1.35		7.02	
27.00	31.00		Sqm	1	4.00	1.35	1.35	1.35		5.40	
42.00	43.90		Sqm	1	1.90	1.35	1.35	1.35		2.57	
55.90	58.00		Sqm	1	2.10	1.35	1.35	1.35		2.84	
69.00	74.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
82.00	88.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
97.00	102.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
113.00	115.90		Sqm	1	2.90	1.35	1.35	1.35		3.92	
118.80	119.00		Sqm	1	0.20	1.35	1.35	1.35		0.27	
131.00	136.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
144.00	149.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
154.50	166.80		Sqm	1	12.30	1.35	1.35	1.35		16.61	
177.00	178.80		Sqm	1	1.80	1.35	1.35	1.35		2.43	
		2nd A Cross Road									
		LHS									
		(From South to North)									
10.50	17.00		Sqm	1	6.50	1.35	1.35	1.35		8.78	
25.00	30.40		Sqm	1	5.40	1.35	1.35	1.35		7.29	
		RHS									
		(From North to South)									
9.80	18.60		Sqm	1	8.80	1.35	1.35	1.35		11.88	
27.00	30.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	
		2nd Cross Road									
		LHS									
		(From South to North)									
11.00	19.00		Sqm	1	8.00	1.35	1.35	1.35		10.80	
26.20	30.00		Sqm	1	3.80	1.35	1.35	1.35		5.13	
		RHS									
		(From North to South)									
2.10	4.00		Sqm	1	1.90	1.35	1.35	1.35		2.57	
11.00	12.00		Sqm	1	1.00	1.35	1.35	1.35		1.35	
21.60	24.39		Sqm	1	2.79	1.35	1.35	1.35		3.77	
34.00	36.60		Sqm	1	2.60	1.35	1.35	1.35		3.51	
		Maruthi Layout									
		9th Cross Road									
		LHS									
		(From South to North)									
11.60	19.00		Sqm	1	7.40	1.35	1.35	1.35		9.99	
24.00	35.00		Sqm	1	11.00	1.35	1.35	1.35		14.85	

AEE (VRP) SD

CIVIL ENGG. Sig Date BANGALORE

K. Sankara Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET											
First And Final Bill											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remark
From	To				(m)	B1	B2	Avg B	(m)		
44.00	47.00		Sqm	1	3.00	1.35	1.35	1.35		4.05	
58.00	63.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
71.00	77.00		Sqm	1	6.00	1.35	1.35	1.35		8.10	
		RHS									
		(From North to South)									
9.50	17.00		Sqm	1	7.50	1.35	1.35	1.35		10.13	
37.30	39.00		Sqm	1	1.70	1.35	1.35	1.35		2.30	
48.00	53.64		Sqm	1	5.64	1.35	1.35	1.35		7.61	
64.00	69.00		Sqm	1	5.00	1.35	1.35	1.35		6.75	
77.00	86.00		Sqm	1	9.00	1.35	1.35	1.35		12.15	
94.00	97.30		Sqm	1	3.30	1.35	1.35	1.35		4.46	
									Total Executed Quantity	826.86	
									Qty Carried to Summary	826.86	

AEE (VRP) SD

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.07		Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		07-09-2022									
		Drain PCC									
		Pillappa Layout									
		2nd Cross Road									
		LHS									
		(From North to South)									
		Jeevanadi Sanskar Appartment Road									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
60.00	66.40		Cum	1	6.40	1.10	1.10	1.10	0.15	1.06	
66.40	71.90	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
71.90	86.90		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
86.90	101.90		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
101.90	116.90		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
116.90	131.90		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
131.90	145.10	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
145.10	160.10		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
160.10	175.10		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
175.10	190.10		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
190.10	193.50		Cum	1	3.40	1.10	1.10	1.10	0.15	0.56	
193.50	201.00	**Culvert**	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
201.00	216.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
216.00	219.90		Cum	1	3.90	1.10	1.10	1.10	0.15	0.64	
219.90	251.40	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
251.40	266.40		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
266.40	281.40		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
281.40	293.50		Cum	1	12.10	1.10	1.10	1.10	0.15	2.00	
		RHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
60.00	75.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
75.00	88.50		Cum	1	13.50	1.10	1.10	1.10	0.15	2.23	
88.50	103.50		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
103.50	113.40		Cum	1	9.90	1.10	1.10	1.10	0.15	1.63	

AEE (VRP) SD

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		1st Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
60.00	69.00	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
69.00	84.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
84.00	99.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
99.00	114.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
114.00	129.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
129.00	144.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
144.00	159.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
159.00	174.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
174.00	183.90	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
183.90	192.10		Cum	1	8.20	1.10	1.10	1.10	0.15	1.35	
		RHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
60.00	75.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
75.00	90.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
90.00	105.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
105.00	120.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
120.00	135.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
135.00	150.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
150.00	165.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
165.00	168.70	**No Work**	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
168.70	184.80		Cum	1	16.10	1.10	1.10	1.10	0.15	2.66	
		Cross Road 1									
		LHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15.00	28.00		Cum	1	13.00	1.10	1.10	1.10	0.15	2.15	
		RHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30.00	36.77		Cum	1	6.77	1.10	1.10	1.10	0.15	1.12	
		Jeevanadie Beside Road									
		RHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
15.00	29.00		Cum	1	14.00	1.40	1.40	1.40	0.15	2.94	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		Ganesh Nagar									
		11th Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	132.85
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
60.00	75.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
75.00	90.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
90.00	105.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
105.00	120.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
120.00	135.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
135.00	150.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
150.00	156.70		Cum	1	6.70	1.10	1.10	1.10	0.15		AEE (VRP) SD
0.00	7.20		Cum	1	7.20	1.10	1.10	1.10	0.15	1.19	
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
60.00	75.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
75.00	90.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
90.00	105.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
105.00	120.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
120.00	135.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
135.00	150.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	AEE (VRP) SD
150.00	155.40		Cum	1	5.40	1.10	1.10	1.10	0.15	0.89	
		Siddivinayaka Layout									
		Cross Road 3									
		LHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
15.00	28.60		Cum	1	13.60	0.80	0.70	0.75	0.15	1.53	
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
15.00	28.70		Cum	1	13.70	0.80	0.80	0.80	0.15	1.64	
		1st Main Road									
		LHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
15.00	21.30		Cum	1	6.30	0.80	0.80	0.80	0.15	0.76	
21.30	30.20	**No Work**	Cum	1	0.00	0.80	0.80	0.80	0.15	0.00	
30.20	45.20		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
45.20	60.20		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
60.20	75.20		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
75.20	90.20		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
90.20	105.20		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
105.20	112.70		Cum	1	7.50	0.80	0.80	0.80	0.15	0.90	AEE (VRP) SD 204.77

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		RHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
15.00	30.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
30.00	45.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
45.00	60.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
60.00	75.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
75.00	90.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
90.00	105.00		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
105.00	112.80		Cum	1	7.80	0.80	0.80	0.80	0.15	0.94	
		Ganesh Nagar									
		7th Cross Road									
		R.H.S									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15.00	21.00		Cum	1	6.00	1.10	1.10	1.10	0.15	0.99	
21.00	36.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
36.00	36.20		Cum	1	0.20	1.10	1.10	1.10	0.15	0.03	
36.20	51.20		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
51.20	52.00		Cum	1	0.80	1.10	1.10	1.10	0.15	0.13	
52.00	67.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
67.00	82.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
82.00	97.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
97.00	112.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
112.00	125.30		Cum	1	13.30	1.10	1.10	1.10	0.15	2.19	
		L.H.S									
0.00	8.70		Cum	1	8.70	1.10	1.10	1.10	0.15	1.44	
8.70	23.70		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
23.70	38.70		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
38.70	42.10		Cum	1	3.40	1.10	1.10	1.10	0.15	0.56	
42.10	57.10		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
57.10	62.00		Cum	1	4.90	1.10	1.10	1.10	0.15	0.81	
62.00	67.30		Cum	1	5.30	1.10	1.10	1.10	0.15	0.87	
67.30	82.30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
82.30	89.80		Cum	1	7.50	1.10	1.10	1.10	0.15	1.24	
89.80	99.80		Cum	1	10.00	1.10	1.10	1.10	0.15	1.65	
99.80	114.80		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
114.80	126.30		Cum	1	11.50	1.10	1.10	1.10	0.15	1.90	
126.30	135.60		Cum	1	9.30	1.10	1.10	1.10	0.15	1.53	
135.60	144.60		Cum	1	9.00	1.10	1.10	1.10	0.15	1.49	
144.60	159.60		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
159.60	161.10		Cum	1	1.50	1.10	1.10	1.10	0.15	0.25	
		Culvert									
		Pillappa Layout									
		Cross Road									
			Cum	1	7.30	1.70	1.70	1.70	0.15	1.86	
		Siddivinayaka Layout									
		Cross Road 3									
			Cum	1	4.40	1.40	1.40	1.40	0.15	0.92	
		1st Main Road									
			Cum	1	3.80	1.40	1.40	1.40	0.15	0.80	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL Pto Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		Danalakshmi Layout									
		5th Main Road									
			Cum	1	5.00	1.40	1.40	1.40	0.15	1.05	
		Inside Lake Drain									
		LHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
15.00	30.00		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
30.00	44.90		Cum	1	14.90	1.40	1.40	1.40	0.15	3.13	
		8th A Main Chathrapathi shivaji Road									
			Cum	1	11.10	1.70	1.70	1.70	0.15	2.83	
		6th Cross Sonappa Layout									
			Cum	1	6.50	1.70	1.70	1.70	0.15	1.66	
									Total Executed Quantity	**284.11**	
									Qty Carried to Summary	**284.11**	

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AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.09		Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		12-09-2022									
		For Drain	tonne	From Calculation Sheet						33.69	
		For Culvert	tonne	From Calculation Sheet						5.63	
										Total Executed Quantity	39.32
										Qty Carried to Summary	39.32

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE									
Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura									
PRE MEASUREMENT SHEET									
First And Final Bill									
STEEL CALCULATION									
Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
Item no.09	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. and as per the directions of the Engineer-in-charge of the work .								
Measurements Taken On;	12-09-2022								
	Present Bill Measurements								
	For RCC Drain								
	Pillappa Layout								
	2nd Cross Road								
	LHS								
	(From North to South)								
	Jeevanadi Sanskar Appartment Road								
	Main Bars (#10@100 c/c)	1	10	2358	2358	2.40	5659.20	0.62	3489.11
	Distribution(15-#8)	1	8	15	15	235.80	3537.00	0.39	1395.64
	RHS								
	(From South to North)								
	Main Bars (#10@100 c/c)	1	10	1134	1134	2.90	3288.60	0.62	2027.55
	Distribution(18-#8)	1	8	18	18	113.40	2055.38	0.39	811.02
	1st Cross Road								
	LHS								
	(From North to South)								
	Main Bars (#10@100 c/c)	1	10	1732	1732	2.40	4156.80	0.62	2562.82
	Distribution(15-#8)	1	8	15	15	173.20	2598.00	0.39	1025.13
	RHS								
	(From South to North)								
	Main Bars (#10@100 c/c)	1	10	1811	1811	2.40	4346.40	0.62	2679.72
	Distribution(15-#8)	1	8	15	15	181.10	2716.50	0.39	1071.89
	Cross Road 1								
	LHS								
	(From West to East)								
	Main Bars (#10@100 c/c)	1	10	280	280	2.40	672.00	0.62	414.31
	Distribution(15-#8)	1	8	15	15	28.00	420.00	0.39	165.73

AEE (VPP) SD

CIVIL P.O. Sign..... Date..... BANGALORE

K. Sankar Reddy
Contactor PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97
Assistant executive Engineer

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
	RHS								
	(From West to East)								
	Main Bars (#10@100 c/c)	1	10	368	368	2.40	882.48	0.62	544.08
	Distribution(15-#8)	1	8	15	15	36.77	551.55	0.39	217.63
	Jeevanadie Beside Road								
	RHS								
	(From West to East)								
	Main Bars (#12@120 c/c)	1	10	290	290	3.30	957.00	0.62	590.03
	Distribution(19-#8)	1	10	21	21	29.00	598.13	0.62	368.77
	Ganesh Nagar								
	11th Cross Road								
	LHS								
	(From North to South)								
	Main Bars (#10@100 c/c)	1	10	1567	1567	2.40	3760.80	0.62	2318.67
	Distribution(15-#8)	1	8	15	15	156.70	2350.50	0.39	927.47
	Main Bars (#10@100 c/c)	1	10	72	72	2.40	172.80	0.62	106.54
	Distribution(15-#8)	1	8	15	15	7.20	108.00	0.39	42.62
	RHS								
	(South to North)								
	Main Bars (#10@100 c/c)	1	10	1554	1554	2.40	3729.60	0.62	2299.44
	Distribution(15-#8)	1	8	15	15	155.40	2331.00	0.39	919.78
	Siddivinayaka Layout								
	Cross Road 3								
	LHS								
	(From South to North)								
	Main Bars (#10@100 c/c)	1	10	286	286	1.90	543.40	0.62	335.03
	Distribution(13-#8)	1	8	13	13	28.60	371.80	0.39	146.71
	RHS								
	(South to North)								
	Main Bars (#10@100 c/c)	1	10	287	287	1.90	545.30	0.62	336.20
	Distribution(13-#8)	1	8	13	13	28.70	373.10	0.39	147.22

CIVIL Pro Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P. Bangalore - 97

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
	1st Main Road								
	LHS								
	(From East to West)								
	Main Bars (#10@100 c/c)	1	10	1038	1038	1.90	1972.20	0.62	1215.94
	Distribution(13-#8)	1	8	13	13	103.80	1349.40	0.39	532.45
	RHS								
	(From West to East)								
	Main Bars (#10@100 c/c)	1	10	1128	1128	2.10	2368.80	0.62	1460.45
	Distribution(14-#8)	1	8	13	13	112.80	1480.50	0.39	584.18
	Ganesh Nagar								
	7th Cross Road								
	R.H.S								
	Main Bars (#10@120 c/c)	1	10	970	970	2.60	2522.00	0.62	1554.91
	Distribution(16-#8)	1	8	16	16	97.00	1576.25	0.39	621.96
	L.H.S								
	Main Bars (#10@120 c/c)	1	10	1148	1148	2.80	3214.40	0.62	1981.80
	Distribution(18-#8)	1	8	18	18	114.80	2009.00	0.39	792.72
							QTY IN KG'S		**33687.49**
							QTY IN TONNE		**33.69**
	Culvert								
	Bottom Raft								
	Pillappa Layout								
	Cross Road								
	12# @120 c/c main bars	1	12	61	61	4.30	261.58	0.89	232.24
	10# @180 c/c Distrubution bars	1	10	30	30	7.30	216.57	0.62	133.52
	Siddivinayaka Layout								
	Cross Road 3								
	12# @120 c/c main bars	1	12	37	37	4.00	146.67	0.89	130.21
	10# @180 c/c Distrubution bars	1	10	28	28	4.40	121.73	0.62	75.05
	1st Main Road								
	12# @120 c/c main bars	1	12	32	32	4.00	126.67	0.89	112.46
	10# @180 c/c Distrubution bars	1	10	28	28	3.80	105.13	0.62	64.82

CIVIL Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

AEE (VRP)

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
	Danalakshmi Layout								
	5th Main Road								
	12# @120 c/c main bars	1	12	42	42	4.00	166.67	0.89	147.97
	10# @180 c/c Distrubution bars	1	10	28	28	5.00	138.33	0.62	85.29
	Inside Lake Drain								
	LHS								
	(From West to East)								
	12# @120 c/c main bars	1	12	374	374	7.08	2649.10	0.89	2351.91
	10# @180 c/c Distrubution bars	1	10	48	48	44.90	2164.18	0.62	1334.30
	8th A Main Chathrapathi shivaji Road								
	12# @120 c/c main bars	1	12	93	93	4.70	434.75	0.89	385.98
	10# @180 c/c Distrubution bars	1	10	32	32	11.10	358.90	0.62	221.28
	6th Cross Sonappa Layout								
	12# @120 c/c main bars	1	12	54	54	4.70	254.58	0.89	226.02
	10# @180 c/c Distrubution bars	1	10	32	32	6.50	210.17	0.62	129.58
							QTY IN KG'S		**5630.61**
							QTY IN TONNE		**5.63**
								TOTAL QTY IN KG'S	**39318.11**
								TOTAL QTY IN TONNE	**39.32**

AEE (VRP) S

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.12		**Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		16-09-2022									
		Ganesh Nagar									
		8th Cross Road									
		LHS(From Telcom Main)									
		(North to South)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	45.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
45.00	51.50		Cum	1	6.50	0.15	0.15	0.15	0.15	0.15	
		LHS									
		(North to South)									
0.00	13.70		Cum	1	13.70	0.15	0.15	0.15	0.15	0.31	
13.70	21.50	**Road Break**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
21.50	36.50		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
36.50	51.50		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
51.50	59.50		Cum	1	8.00	0.15	0.15	0.15	0.15	0.18	
59.50	68.50	**Road Break**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
68.50	83.50		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
83.50	98.50		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
98.50	102.10	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
102.10	109.40		Cum	1	7.30	0.15	0.15	0.15	0.15	0.16	
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	40.50		Cum	1	10.50	0.15	0.15	0.15	0.15	0.24	
40.50	49.40	**Road Break**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
49.40	64.40		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
64.40	79.40		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
79.40	86.60		Cum	1	7.20	0.15	0.15	0.15	0.15	0.16	
86.60	95.60	**Road Break**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
95.60	114.00	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
		RHS									
		(South to North)									
0.00	13.10		Cum	1	13.10	0.15	0.15	0.15	0.15	0.29	
13.10	28.10		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	

AEE (VRP) SD

AEE (VRP) SD

5.54

CIVIL Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
28.10	43.10		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
43.10	49.60		Cum	1	6.50	0.15	0.15	0.15	0.15	0.15	
		8th A Opposite Road									
		LHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	18.60		Cum	1	3.60	0.15	0.15	0.15	0.15	0.08	
18.60	21.20	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
21.20	33.50		Cum	1	12.30	0.15	0.15	0.15	0.15	0.28	
		RHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	34.30		Cum	1	4.30	0.15	0.15	0.15	0.15	0.10	
		8th A Cross Road									
		LHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	45.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
45.00	64.80		Cum	1	19.80	0.15	0.15	0.15	0.15	0.45	
		RHS									
		(West to East)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	45.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
45.00	60.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
60.00	64.30		Cum	1	4.30	0.15	0.15	0.15	0.15	0.10	
		8th B Opposite Road									
		LHS									
		(West to East)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	34.20		Cum	1	4.20	0.15	0.15	0.15	0.15	0.09	
		RHS									
		(East to West)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	31.00		Cum	1	1.00	0.15	0.15	0.15	0.15	0.02	
		8th B Cross Road									
		LHS									
		(From East to West)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	

5.54

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

12.20

CIVIL ENGINEER Sig. Date BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub-Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	45.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
45.00	48.00		Cum	1	3.00	0.15	0.15	0.15	0.15	0.07	
48.00	49.50	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
49.50	64.50		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
64.50	65.20		Cum	1	0.70	0.15	0.15	0.15	0.15	0.02	
		6th Cross Road									AEE (VRP) SD
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	45.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
45.00	51.70		Cum	1	6.70	0.15	0.15	0.15	0.15	0.15	
51.70	66.70		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
66.70	81.70		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
81.70	82.40		Cum	1	0.70	0.15	0.15	0.15	0.15	0.02	
82.40	97.40		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	AEE (VRP) SD
97.40	135.10		Cum	1	37.70	0.15	0.15	0.15	0.15	0.85	
135.10	140.70	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
140.70	147.00		Cum	1	6.30	0.15	0.15	0.15	0.15	0.14	
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	45.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
45.00	60.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
60.00	75.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
75.00	90.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
90.00	105.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
105.00	120.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
120.00	135.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	AEE (VRP) SD
135.00	149.50		Cum	1	14.50	0.15	0.15	0.15	0.15	0.33	
		7th A Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	25.20		Cum	1	10.20	0.15	0.15	0.15	0.15	0.23	
25.20	35.10	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
35.10	50.10		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
50.10	65.10		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
65.10	80.10		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
80.10	95.10		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
95.10	110.10		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	AEE (VRP) SD
110.10	119.00		Cum	1	8.90	0.15	0.15	0.15	0.15	0.20	

22.30

CIVIL Rio Sig..... Date..... BANGALORE

Contactor PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		RHS									
		(South to North)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	21.00		Cum	1	6.00	0.15	0.15	0.15	0.15	0.14	
21.00	36.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
36.00	51.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
51.00	66.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
66.00	81.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
81.00	96.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
96.00	111.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
111.00	117.00		Cum	1	6.00	0.15	0.15	0.15	0.15	0.14	
		7th Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	45.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
45.00	60.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
60.00	69.00		Cum	1	9.00	0.15	0.15	0.15	0.15	0.20	
69.00	70.50	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
70.50	85.50		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
85.50	100.50		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
100.50	115.50		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
115.50	130.50		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
130.50	140.60		Cum	1	10.10	0.15	0.15	0.15	0.15	0.23	
		RHS									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	26.20		Cum	1	11.20	0.15	0.15	0.15	0.15	0.25	
26.20	35.20	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
35.20	50.20		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
50.20	65.20		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
65.20	80.20		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
80.20	95.20		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
95.20	108.70		Cum	1	13.50	0.15	0.15	0.15	0.15	0.30	
108.70	138.00	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
		Siddivinayaka Layout									
		4th Main Road									
		LHS									
		(From West to East)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	24.60		Cum	1	9.60	0.15	0.15	0.15	0.15	0.22	
24.60	34.80	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
34.80	39.30	**Culvert**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
39.30	43.00	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
43.00	58.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
58.00	73.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
73.00	88.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	

22.30

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

31.87

CIVIL Sig Date BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
88.00	103.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
103.00	108.30		Cum	1	5.30	0.15	0.15	0.15	0.15	0.12	
108.30	114.00	**Road Break**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
114.00	129.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
129.00	144.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
144.00	151.00		Cum	1	7.00	0.15	0.15	0.15	0.15	0.16	
151.00	157.30	**Road Break**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
157.30	172.30		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
172.30	187.30		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
187.30	192.00		Cum	1	4.70	0.15	0.15	0.15	0.15	0.11	
		RHS									
		(West to East)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	28.90		Cum	1	13.90	0.15	0.15	0.15	0.15	0.31	
28.90	43.90		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
43.90	55.90		Cum	1	12.00	0.15	0.15	0.15	0.15	0.27	
55.90	70.90		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
70.90	85.90		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
85.90	100.90		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
100.90	115.90		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
115.90	116.30		Cum	1	0.40	0.15	0.15	0.15	0.15	0.01	
116.30	118.80	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
118.80	133.80		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
133.80	148.80		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
148.80	163.80		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
163.80	178.80		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
178.80	190.50		Cum	1	11.70	0.15	0.15	0.15	0.15	0.26	
		2nd A Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	39.40		Cum	1	9.40	0.15	0.15	0.15	0.15	0.21	
		RHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	39.30		Cum	1	9.30	0.15	0.15	0.15	0.15	0.21	
		2nd Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	39.30		Cum	1	9.30	0.15	0.15	0.15	0.15	0.21	

31.87

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

40.82

CIVIL Dte Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		RHS									
		(From North to South)									
0.00	2.10	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
2.10	12.00		Cum	1	9.90	0.15	0.15	0.15	0.15	0.22	
12.00	21.60	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
21.60	36.60		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
36.60	39.30		Cum	1	2.70	0.15	0.15	0.15	0.15	0.06	
		Maruthi Layout									
		9th Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	30.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
30.00	45.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
45.00	60.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
60.00	75.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
75.00	90.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
90.00	105.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
105.00	108.30		Cum	1	3.30	0.15	0.15	0.15	0.15	0.07	
		RHS									
		(From North to South)									
0.00	15.00		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
15.00	27.90		Cum	1	12.90	0.15	0.15	0.15	0.15	0.29	
27.90	37.30	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
37.30	52.30		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
52.30	67.30		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
67.30	82.30		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
82.30	97.30		Cum	1	15.00	0.15	0.15	0.15	0.15	0.34	
97.30	98.10		Cum	1	0.80	0.15	0.15	0.15	0.15	0.02	
98.10	100.00	**No Work**	Cum	1	0.00	0.15	0.15	0.15	0.15	0.00	
100.00	109.00		Cum	1	9.00	0.15	0.15	0.15	0.15	0.20	
		Copping Concrete									
		Ganesh Nagar									
		8th Cross Road									
		LHS(From Telcom Main)									
		(North to South)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
45.00	51.50		Cum	2	6.50	0.15	0.15	0.15	0.10	0.20	
		LHS									
		(North to South)									
0.00	13.70		Cum	2	13.70	0.15	0.15	0.15	0.10	0.41	
13.70	21.50	**Road Break**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
21.50	36.50		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
36.50	51.50		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	

AEE (VRP) SD

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AEE (VRP) SD

CIVIL Sig Date BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
51.50	59.50		Cum	2	8.00	0.15	0.15	0.15	0.10	0.24	
59.50	68.50	**Road Break**	Cum	2	0.00	0.15	0.15	0.15	0.10	~~0.00~~	
68.50	83.50		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
83.50	98.50		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
98.50	102.10	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	~~0.00~~	
102.10	109.40		Cum	2	7.30	0.15	0.15	0.15	0.10	0.22	
		RHS									
		(South to North)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	40.50		Cum	2	10.50	0.15	0.15	0.15	0.10	0.32	
40.50	49.40	**Road Break**	Cum	2	0.00	0.15	0.15	0.15	0.10	~~0.00~~	
49.40	64.40		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
64.40	79.40		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
79.40	86.60		Cum	2	7.20	0.15	0.15	0.15	0.10	0.22	
86.60	95.60	**Road Break**	Cum	2	0.00	0.15	0.15	0.15	0.10	~~0.00~~	
95.60	114.00	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	~~0.00~~	
		RHS									
		(South to North)									
0.00	13.10		Cum	2	13.10	0.15	0.15	0.15	0.10	0.39	
13.10	28.10		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
28.10	43.10		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
43.10	49.60		Cum	2	6.50	0.15	0.15	0.15	0.10	0.20	
		8th A Opposite Road									
		LHS									
		(From West to East)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	18.60		Cum	2	3.60	0.15	0.15	0.15	0.10	0.11	
18.60	21.20	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	~~0.00~~	
21.20	33.50		Cum	2	12.30	0.15	0.15	0.15	0.10	0.37	
		RHS									
		(From East to West)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	34.30		Cum	2	4.30	0.15	0.15	0.15	0.10	0.13	
		8th A Cross Road									
		LHS									
		(From East to West)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
45.00	64.80		Cum	2	19.80	0.15	0.15	0.15	0.10	0.59	

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CIVIL Pto Sig..... Date..... BANGALORE

Contactor PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		RHS									
		(West to East)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
45.00	60.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
60.00	64.30		Cum	2	4.30	0.15	0.15	0.15	0.10	0.13	
		8th B Opposite Road									
		LHS									
		(West to East)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	34.20		Cum	2	4.20	0.15	0.15	0.15	0.10	0.13	
		RHS									
		(East to West)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	31.00		Cum	2	1.00	0.15	0.15	0.15	0.10	0.03	
		8th B Cross Road									
		LHS									
		(From East to West)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
45.00	48.00		Cum	2	3.00	0.15	0.15	0.15	0.10	0.09	
48.00	49.50	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
49.50	64.50		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
64.50	65.20		Cum	2	0.70	0.15	0.15	0.15	0.10	0.02	
		6th Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
45.00	51.70		Cum	2	6.70	0.15	0.15	0.15	0.10	0.20	
51.70	66.70		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
66.70	81.70		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
81.70	82.40		Cum	2	0.70	0.15	0.15	0.15	0.10	0.02	
82.40	97.40		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
97.40	135.10		Cum	2	37.70	0.15	0.15	0.15	0.10	1.13	
135.10	140.70	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
140.70	147.00		Cum	2	6.30	0.15	0.15	0.15	0.10	0.19	
		RHS									
		(South to North)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	

AEE (VRP) SD

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CIVIL Pre BANGALORE Sign Date

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
45.00	60.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
60.00	75.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
75.00	90.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
90.00	105.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
105.00	120.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
120.00	135.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
135.00	149.50		Cum	2	14.50	0.15	0.15	0.15	0.10	0.44	
											AEE (VRP) SD
		7th A Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	25.20		Cum	2	10.20	0.15	0.15	0.15	0.10	0.31	
25.20	35.10	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
35.10	50.10		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
50.10	65.10		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
65.10	80.10		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
80.10	95.10		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
95.10	110.10		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
110.10	119.00		Cum	2	8.90	0.15	0.15	0.15	0.10	0.27	AEE (VRP) SD
		RHS									
		(South to North)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	21.00		Cum	2	6.00	0.15	0.15	0.15	0.10	0.18	
21.00	36.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
36.00	51.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
51.00	66.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
66.00	81.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
81.00	96.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
96.00	111.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
111.00	117.00		Cum	2	6.00	0.15	0.15	0.15	0.10	0.18	AEE (VRP) SD
		7th Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
45.00	60.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
60.00	69.00		Cum	2	9.00	0.15	0.15	0.15	0.10	0.27	
69.00	70.50	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
70.50	85.50		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
85.50	100.50		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
100.50	115.50		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
115.50	130.50		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
130.50	140.60		Cum	2	10.10	0.15	0.15	0.15	0.10	0.30	AEE (VRP) SD

62.05

83.49

Sig. Date. BANGALORE

Contactor PMC Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P. Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		RHS									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	26.20		Cum	2	11.20	0.15	0.15	0.15	0.10	0.34	
26.20	35.20	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
35.20	50.20		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
50.20	65.20		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
65.20	80.20		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
80.20	95.20		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
95.20	108.70		Cum	2	13.50	0.15	0.15	0.15	0.10	0.41	
108.70	138.00	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
		Siddivinayaka Layout									
		4th Main Road									
		LHS									
		(From West to East)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	24.60		Cum	2	9.60	0.15	0.15	0.15	0.10	0.29	
24.60	34.80	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
34.80	39.30	**Culvert**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
39.30	43.00	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
43.00	58.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
58.00	73.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
73.00	88.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
88.00	103.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
103.00	108.30		Cum	2	5.30	0.15	0.15	0.15	0.10	0.16	
108.30	114.00	**Road Break**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
114.00	129.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
129.00	144.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
144.00	151.00		Cum	2	7.00	0.15	0.15	0.15	0.10	0.21	
151.00	157.30	**Road Break**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
157.30	172.30		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
172.30	187.30		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
187.30	192.00		Cum	2	4.70	0.15	0.15	0.15	0.10	0.14	
		RHS									
		(West to East)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	28.90		Cum	2	13.90	0.15	0.15	0.15	0.10	0.42	
28.90	43.90		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
43.90	55.90		Cum	2	12.00	0.15	0.15	0.15	0.10	0.36	
55.90	70.90		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
70.90	85.90		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
85.90	100.90		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
100.90	115.90		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
115.90	116.30		Cum	2	0.40	0.15	0.15	0.15	0.10	0.01	
116.30	118.80	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
118.80	133.80		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
133.80	148.80		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
148.80	163.80		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
163.80	178.80		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL ENGINEER Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
178.80	190.50		Cum	2	11.70	0.15	0.15	0.15	0.10	0.35	96.62
		2nd A Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	39.40		Cum	2	9.40	0.15	0.15	0.15	0.10	0.28	
		RHS									
		(From North to South)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	39.30		Cum	2	9.30	0.15	0.15	0.15	0.10	0.28	
		2nd Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	39.30		Cum	2	9.30	0.15	0.15	0.15	0.10	0.28	
											AEE (VRP) SD
		RHS									
		(From North to South)									
0.00	2.10	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
2.10	12.00		Cum	2	9.90	0.15	0.15	0.15	0.10	0.30	
12.00	21.60	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
21.60	36.60		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
36.60	39.30		Cum	2	2.70	0.15	0.15	0.15	0.10	0.08	
											AEE (VRP) SD
		Maruthi Layout									
		9th Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
45.00	60.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
60.00	75.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
75.00	90.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
90.00	105.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
105.00	108.30		Cum	2	3.30	0.15	0.15	0.15	0.10	0.10	
											AEE (VRP) SD
		RHS									
		(From North to South)									
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
15.00	27.90		Cum	2	12.90	0.15	0.15	0.15	0.10	0.39	
27.90	37.30	**No Work**	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
37.30	52.30		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
52.30	67.30		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
											AEE (VRP) SD

CIVIL Sig Date BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
67.30	82.30		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	106.33
82.30	97.30		Cum	2	15.00	0.15	0.15	0.15	0.10	0.45	
97.30	98.10		Cum	2	0.80	0.15	0.15	0.15	0.10	0.02	
98.10	100.00	No Work	Cum	2	0.00	0.15	0.15	0.15	0.10	0.00	
100.00	109.00		Cum	2	9.00	0.15	0.15	0.15	0.10	0.27	
		for Kerb Pcc									
		Siddivinayaka Layout									AEE (VRP) SD
		4th Main Road									
		LHS									
		(From West to East)									
0.00	7.50		Cum	1	7.50	0.20	0.20	0.20	0.10	0.15	
7.50	19.80		Cum	1	12.30	0.20	0.20	0.20	0.10	0.25	
19.80	24.60		Cum	1	4.80	0.20	0.20	0.20	0.10	0.10	
24.60	43.00	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
43.00	58.00		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
58.00	64.20	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
64.20	76.40		Cum	1	12.20	0.20	0.20	0.20	0.10	0.24	
76.40	79.50	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
79.50	94.50		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
94.50	104.80		Cum	1	10.30	0.20	0.20	0.20	0.10	0.21	
104.80	138.40	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	AEE (VRP) SD
138.40	151.00		Cum	1	12.60	0.20	0.20	0.20	0.10	0.25	
151.00	174.40	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
174.40	181.50		Cum	1	7.10	0.20	0.20	0.20	0.10	0.14	
181.50	183.10	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
183.10	191.30		Cum	1	8.20	0.20	0.20	0.20	0.10	0.16	
		RHS									
		(From East to West)									
0.00	14.60	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
14.60	19.40		Cum	1	4.80	0.20	0.20	0.20	0.10	0.10	
19.40	24.30	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
24.30	27.70		Cum	1	3.40	0.20	0.20	0.20	0.10	0.07	
27.70	28.90	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
28.90	43.90		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
43.90	55.90		Cum	1	12.00	0.20	0.20	0.20	0.10	0.24	
55.90	107.00	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
107.00	116.30		Cum	1	9.30	0.20	0.20	0.20	0.10	0.19	
116.30	118.80	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	AEE (VRP) SD
118.80	125.40		Cum	1	6.60	0.20	0.20	0.20	0.10	0.13	
125.40	163.70	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
163.70	178.70		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30	
178.70	188.20		Cum	1	9.50	0.20	0.20	0.20	0.10	0.19	
188.20	190.50	No Work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	

111.13

CIVIL ATO Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		2nd Cross Road									
		LHS									
		(From South to North)									
0.00	5.70		Cum	1	5.70	0.20	0.20	0.20	0.10	0.11	
5.70	7.00	**No Work**	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
7.00	17.30		Cum	1	10.30	0.20	0.20	0.20	0.10	0.21	
17.30	18.90	**No Work**	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
18.90	21.50		Cum	1	2.60	0.20	0.20	0.20	0.10	0.05	
21.50	27.90	**No Work**	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00	
27.90	39.60		Cum	1	11.70	0.20	0.20	0.20	0.10	0.23	
		For Culvert Ramp									
		8th A Main Chathrapathi									
			Cum	1	11.70	0.75	0.75	0.75	0.15	1.32	
			Cum	1	11.70	0.60	0.60	0.60	0.15	1.05	
		6th Cross Sonappa Layout									
			Cum	1	6.50	0.90	0.90	0.90	0.15	0.88	
			Cum	1	6.50	1.00	1.00	1.00	0.15	0.98	
									Total Executed Quantity	**115.96**	
									Qty Carried to Summary	**115.96**	

111.13

AEE (VRP) SD

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.13		**Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		29-09-2022									
		Ganesh Nagar									
		8th Cross Road									
		LHS(From Telcom Main)									
		(North to South)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	45.00		Sqm	2	15.00				0.60	18.00	
45.00	51.50		Sqm	2	6.50				0.60	7.80	
		LHS									
		(North to South)									
0.00	13.70		Sqm	2	13.70				0.60	16.44	
13.70	21.50	**Road Break**	Sqm	2	0.00				0.60	0.00	
21.50	36.50		Sqm	2	15.00				0.60	18.00	
36.50	51.50		Sqm	2	15.00				0.60	18.00	
51.50	59.50		Sqm	2	8.00				0.60	9.60	
59.50	68.50	**Road Break**	Sqm	2	0.00				0.60	0.00	
68.50	83.50		Sqm	2	15.00				0.60	18.00	
83.50	98.50		Sqm	2	15.00				0.60	18.00	
98.50	102.10	**No Work**	Sqm	2	0.00				0.60	0.00	
102.10	109.40		Sqm	2	7.30				0.60	8.76	
		RHS									
		(South to North)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	40.50		Sqm	2	10.50				0.60	12.60	
40.50	49.40	**Road Break**	Sqm	2	0.00				0.60	0.00	
49.40	64.40		Sqm	2	15.00				0.60	18.00	
64.40	79.40		Sqm	2	15.00				0.60	18.00	
79.40	86.60		Sqm	2	7.20				0.60	8.64	
86.60	95.60	**Road Break**	Sqm	2	0.00				0.60	0.00	
95.60	114.00	**No Work**	Sqm	2	0.00				0.60	0.00	
		RHS									
		(South to North)									
0.00	13.10		Sqm	2	13.10				0.60	15.72	
13.10	28.10		Sqm	2	15.00				0.60	18.00	
28.10	43.10		Sqm	2	15.00				0.60	18.00	
43.10	49.60		Sqm	2	6.50				0.60	7.80	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

321-36

CIVIL Pro Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97
Assistant executive Engineer

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		8th A Opposite Road									321.36
		LHS									
		(From West to East)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	18.60		Sqm	2	3.60				0.60	4.32	
18.60	21.20	**No Work**	Sqm	2	0.00				0.60	0.00	
21.20	33.50		Sqm	2	12.30				0.60	14.76	
		RHS									
		(From East to West)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	34.30		Sqm	2	4.30				0.60	5.16	
		8th A Cross Road									
		LHS									
		(From East to West)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	45.00		Sqm	2	15.00				0.60	18.00	
45.00	64.80		Sqm	2	19.80				0.60	23.76	AEE (VRP) SD
		RHS									
		(West to East)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	45.00		Sqm	2	15.00				0.60	18.00	
45.00	60.00		Sqm	2	15.00				0.60	18.00	
60.00	64.30		Sqm	2	4.30				0.60	5.16	
		8th B Opposite Road									
		LHS									
		(West to East)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	34.20		Sqm	2	4.20				0.60	5.04	
		RHS									
		(East to West)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	31.00		Sqm	2	1.00				0.60	1.20	
		8th B Cross Road									
		LHS									
		(From East to West)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	AEE (VRP) SD
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	45.00		Sqm	2	15.00				0.60	18.00	
45.00	48.00		Sqm	2	3.00				0.60	3.60	
48.00	49.50	**No Work**	Sqm	2	0.00				0.60	0.00	
49.50	64.50		Sqm	2	15.00				0.60	18.00	
64.50	65.20		Sqm	2	0.70				0.60	0.84	

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AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		6th Cross Road									
		LHS									
		(From North to South)									709.20
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	45.00		Sqm	2	15.00				0.60	18.00	
45.00	51.70		Sqm	2	6.70				0.60	8.04	
51.70	66.70		Sqm	2	15.00				0.60	18.00	
66.70	81.70		Sqm	2	15.00				0.60	18.00	
81.70	82.40		Sqm	2	0.70				0.60	0.84	
82.40	97.40		Sqm	2	15.00				0.60	18.00	
97.40	135.10		Sqm	2	37.70				0.60	45.24	
135.10	140.70	**No Work**	Sqm	2	0.00				0.60	0.00	
140.70	147.00		Sqm	2	6.30				0.60	7.56	
											AEE (VRP) SD
		RHS									
		(South to North)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	45.00		Sqm	2	15.00				0.60	18.00	
45.00	60.00		Sqm	2	15.00				0.60	18.00	
60.00	75.00		Sqm	2	15.00				0.60	18.00	
75.00	90.00		Sqm	2	15.00				0.60	18.00	
90.00	105.00		Sqm	2	15.00				0.60	18.00	
105.00	120.00		Sqm	2	15.00				0.60	18.00	
120.00	135.00		Sqm	2	15.00				0.60	18.00	
135.00	149.50		Sqm	2	14.50				0.60	17.40	AEE (VRP) SD
		7th A Cross Road									
		LHS									
		(From North to South)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	25.20		Sqm	2	10.20				0.60	12.24	
25.20	35.10	**No Work**	Sqm	2	0.00				0.60	0.00	
35.10	50.10		Sqm	2	15.00				0.60	18.00	
50.10	65.10		Sqm	2	15.00				0.60	18.00	
65.10	80.10		Sqm	2	15.00				0.60	18.00	
80.10	95.10		Sqm	2	15.00				0.60	18.00	
95.10	110.10		Sqm	2	15.00				0.60	18.00	
110.10	119.00		Sqm	2	8.90				0.60	10.68	
											AEE (VRP) SD
		RHS									
		(South to North)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	21.00		Sqm	2	6.00				0.60	7.20	
21.00	36.00		Sqm	2	15.00				0.60	18.00	
36.00	51.00		Sqm	2	15.00				0.60	18.00	
51.00	66.00		Sqm	2	15.00				0.60	18.00	
66.00	81.00		Sqm	2	15.00				0.60	18.00	
81.00	96.00		Sqm	2	15.00				0.60	18.00	
96.00	111.00		Sqm	2	15.00				0.60	18.00	
111.00	117.00		Sqm	2	6.00				0.60	7.20	

AEE (VRP) SD

1839.60

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		7th Cross Road									
		LHS									1329.60
		(From North to South)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	45.00		Sqm	2	15.00				0.60	18.00	
45.00	60.00		Sqm	2	15.00				0.60	18.00	
60.00	69.00		Sqm	2	9.00				0.60	10.80	
69.00	70.50	**No Work**	Sqm	2	0.00				0.60	0.00	
70.50	85.50		Sqm	2	15.00				0.60	18.00	
85.50	100.50		Sqm	2	15.00				0.60	18.00	
100.50	115.50		Sqm	2	15.00				0.60	18.00	
115.50	130.50		Sqm	2	15.00				0.60	18.00	
130.50	140.60		Sqm	2	10.10				0.60	12.12	
		RHS									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	26.20		Sqm	2	11.20				0.60	13.44	
26.20	35.20	**No Work**	Sqm	2	0.00				0.60	0.00	
35.20	50.20		Sqm	2	15.00				0.60	18.00	
50.20	65.20		Sqm	2	15.00				0.60	18.00	
65.20	80.20		Sqm	2	15.00				0.60	18.00	
80.20	95.20		Sqm	2	15.00				0.60	18.00	
95.20	108.70		Sqm	2	13.50				0.60	16.20	
108.70	138.00	**No Work**	Sqm	2	0.00				0.60	0.00	
		Siddivinayaka Layout									
		4th Main Road									
		LHS									
		(From West to East)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	24.60		Sqm	2	9.60				0.60	11.52	
24.60	34.80	**No Work**	Sqm	2	0.00				0.60	0.00	
34.80	39.30	**Culvert**	Sqm	2	0.00				0.60	0.00	
39.30	43.00	**No Work**	Sqm	2	0.00				0.60	0.00	
43.00	58.00		Sqm	2	15.00				0.60	18.00	
58.00	73.00		Sqm	2	15.00				0.60	18.00	
73.00	88.00		Sqm	2	15.00				0.60	18.00	
88.00	103.00		Sqm	2	15.00				0.60	18.00	
103.00	108.30		Sqm	2	5.30				0.60	6.36	
108.30	114.00	**Road Break**	Sqm	2	0.00				0.60	0.00	
114.00	129.00		Sqm	2	15.00				0.60	18.00	
129.00	144.00		Sqm	2	15.00				0.60	18.00	
144.00	151.00		Sqm	2	7.00				0.60	8.40	
151.00	157.30	**Road Break**	Sqm	2	0.00				0.60	0.00	
157.30	172.30		Sqm	2	15.00				0.60	18.00	
172.30	187.30		Sqm	2	15.00				0.60	18.00	
187.30	192.00		Sqm	2	4.70				0.60	5.64	
		RHS									
		(West to East)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	28.90		Sqm	2	13.90				0.60	16.68	
28.90	43.90		Sqm	2	15.00				0.60	18.00	
43.90	55.90		Sqm	2	12.00				0.60	14.40	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

Sig.....
Date.....

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
55.90	70.90		Sqm	2	15.00				0.60	18.00	1877.16
70.90	85.90		Sqm	2	15.00				0.60	18.00	
85.90	100.90		Sqm	2	15.00				0.60	18.00	
100.90	115.90		Sqm	2	15.00				0.60	18.00	
115.90	116.30		Sqm	2	0.40				0.60	0.48	
116.30	118.80	No Work	Sqm	2	0.00				0.60	0.00	
118.80	133.80		Sqm	2	15.00				0.60	18.00	
133.80	148.80		Sqm	2	15.00				0.60	18.00	
148.80	163.80		Sqm	2	15.00				0.60	18.00	
163.80	178.80		Sqm	2	15.00				0.60	18.00	AEE (VRP) SD
178.80	190.50		Sqm	2	11.70				0.60	14.04	
		2nd A Cross Road									
		LHS									
		(From South to North)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	39.40		Sqm	2	9.40				0.60	11.28	
		RHS									
		(From North to South)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	39.30		Sqm	2	9.30				0.60	11.16	
		2nd Cross Road									
		LHS									AEE (VRP) SD
		(From South to North)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	39.30		Sqm	2	9.30				0.60	11.16	
		RHS									
		(From North to South)									
0.00	2.10	No Work	Sqm	2	0.00				0.40	0.00	
2.10	12.00		Sqm	2	9.90				0.40	7.92	
12.00	21.60	No Work	Sqm	2	0.00				0.40	0.00	
21.60	36.60		Sqm	2	15.00				0.40	12.00	
36.60	39.30		Sqm	2	2.70				0.40	2.16	
		Maruthi Layout									
		9th Cross Road									
		LHS									AEE (VRP) SD
		(From South to North)									
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	30.00		Sqm	2	15.00				0.60	18.00	
30.00	45.00		Sqm	2	15.00				0.60	18.00	
45.00	60.00		Sqm	2	15.00				0.60	18.00	
60.00	75.00		Sqm	2	15.00				0.60	18.00	
75.00	90.00		Sqm	2	15.00				0.60	18.00	
90.00	105.00		Sqm	2	15.00				0.60	18.00	
105.00	108.30		Sqm	2	3.30				0.60	3.96	
		RHS									
		(From North to South)									AEE (VRP) SD
0.00	15.00		Sqm	2	15.00				0.60	18.00	
15.00	27.90		Sqm	2	12.90				0.60	15.48	
27.90	37.30	No Work	Sqm	2	0.00				0.60	0.00	

AEE (VRP) SD

2362.80

CIVIL EXP. Sign..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
37.30	52.30		Sqm	2	15.00				0.60	18.00	
52.30	67.30		Sqm	2	15.00				0.60	18.00	
67.30	82.30		Sqm	2	15.00				0.60	18.00	
82.30	97.30		Sqm	2	15.00				0.60	18.00	
97.30	98.10		Sqm	2	0.80				0.60	0.96	
98.10	100.00	**No Work**	Sqm	2	0.00				0.60	0.00	
100.00	109.00		Sqm	2	9.00				0.60	10.80	
									Total Executed Quantity	**2446.56**	
									Qty Carried to Summary	**2446.56**	

2362.80

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AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.16		**Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		06-10-2022									
		For CC Road									
		Vidyaranyapura Sub division									
		Siddivinayaka Layout									
		1st Main Road									
		East To West									
0.00	15.00		Cum	1	15.00	3.72	3.42	3.57	0.10	5.36	
15.00	30.00		Cum	1	15.00	3.42	3.35	3.39	0.10	5.08	
30.00	35.20		Cum	1	5.20	3.35	3.35	3.35	0.10	1.74	
35.20	38.10		Cum	1	2.90	3.02	2.94	2.98	0.10	0.86	
38.10	45.00		Cum	1	6.90	3.30	3.25	3.28	0.10	2.26	
45.00	60.00		Cum	1	15.00	3.25	3.44	3.35	0.10	5.02	
60.00	75.00		Cum	1	15.00	3.44	3.30	3.37	0.10	5.06	
75.00	90.00		Cum	1	15.00	3.30	3.30	3.30	0.10	4.95	
90.00	105.00		Cum	1	15.00	3.30	3.25	3.28	0.10	4.91	
105.00	111.40		Cum	1	6.40	3.25	2.95	3.10	0.10	1.98	
									Total Executed Quantity	37.22	
									Qty Carried to Summary	**37.22**	

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.17		**Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		12-10-2022									
		Vidyaranyapura Sub division									
		Pillapa Layout(1st cross Road)									
		(W0815)									
		From North To South									
0.00	15.00		Sqm	1	15.00	6.55	6.42	6.49		97.28	
15.00	15.60		Sqm	1	0.60	6.42	6.30	6.36		3.82	
15.60	22.70		Sqm	1	7.10	6.42	7.10	6.76		48.00	
22.70	30.00		Sqm	1	7.30	7.10	6.95	7.03		51.28	
30.00	42.40		Sqm	1	12.40	6.95	7.23	7.09		87.92	
42.40	45.00		Sqm	1	2.60	6.50	6.50	6.50		16.90	
45.00	51.10		Sqm	1	6.10	6.50	6.35	6.43		39.19	
51.10	60.00		Sqm	1	8.90	5.40	5.35	5.38		47.84	
60.00	63.10		Sqm	1	3.10	5.35	5.30	5.33		16.51	
63.10	69.80		Sqm	1	6.70	6.30	6.20	6.25		41.88	
69.80	75.00		Sqm	1	5.20	7.15	7.10	7.13		37.05	
75.00	90.00		Sqm	1	15.00	7.10	7.05	7.08		106.13	
90.00	105.00		Sqm	1	15.00	7.05	7.05	7.05		105.75	
105.00	120.00		Sqm	1	15.00	7.05	6.95	7.00		105.00	
120.00	126.90		Sqm	1	6.90	6.95	7.00	6.98		48.13	
126.90	131.50		Sqm	1	4.60	6.00	5.97	5.99		27.53	
131.50	133.70		Sqm	1	2.20	7.05	7.10	7.08		15.56	
133.70	135.00		Sqm	1	1.30	6.60	6.50	6.55		8.52	
135.00	140.90		Sqm	1	5.90	6.50	6.56	6.53		38.53	
140.90	150.00		Sqm	1	9.10	7.10	7.15	7.13		64.84	
150.00	165.00		Sqm	1	15.00	7.15	7.25	7.20		108.00	
165.00	180.00		Sqm	1	15.00	6.03	5.65	5.84		87.60	
180.00	183.90		Sqm	1	3.90	5.65	5.76	5.71		22.25	
		East To West									
0.00	7.10		Sqm	1	7.10	8.20	8.25	8.23		58.40	
7.10	15.00		Sqm	1	7.90	7.45	7.35	7.40		58.46	
15.00	24.30		Sqm	1	9.30	7.35	7.26	7.31		67.94	
24.30	30.00		Sqm	1	5.70	6.57	6.90	6.74		38.39	
30.00	34.20		Sqm	1	4.20	6.90	6.90	6.90		28.98	
		Siddhi Vinayaka Layout									
		4th Main road									
		From East To West									
0.00	15.00		Sqm	1	15.00	5.65	5.45	5.55		83.25	
15.00	18.30		Sqm	1	3.30	5.45	5.40	5.43		17.90	
18.30	30.00		Sqm	1	11.70	5.06	5.20	5.13		60.02	
30.00	45.00		Sqm	1	15.00	5.20	5.75	5.48		82.13	
45.00	57.00		Sqm	1	12.00	5.75	5.80	5.78		69.30	
57.00	60.00		Sqm	1	3.00	5.05	4.30	4.68		14.03	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD
1804.26

CIVIL Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
60.00	75.00		Sqm	1	15.00	4.30	4.88	4.59		68.85	1804.26
75.00	90.00		Sqm	1	15.00	4.88	4.95	4.92		73.73	
90.00	105.00		Sqm	1	15.00	4.95	4.85	4.90		73.50	
105.00	108.80		Sqm	1	3.80	4.85	4.75	4.80		18.24	
108.80	116.50		Sqm	1	7.70	5.70	5.45	5.58		42.93	
116.50	120.00		Sqm	1	3.50	4.70	4.45	4.58		16.01	
120.00	135.00		Sqm	1	15.00	4.45	4.25	4.35		65.25	
135.00	150.00		Sqm	1	15.00	4.25	4.05	4.15		62.25	
150.00	154.50		Sqm	1	4.50	4.05	5.00	4.53		20.36	
154.50	163.10		Sqm	1	8.60	4.67	4.55	4.61		39.65	
163.10	165.00		Sqm	1	1.90	5.40	5.40	5.40		10.26	
165.00	180.00		Sqm	1	15.00	5.40	5.15	5.28		79.20	AEE (VRP) SD
180.00	191.00		Sqm	1	11.00	5.15	5.50	5.33		58.58	
191.00	193.30		Sqm	1	2.30	5.50	6.07	5.79		13.31	
		Cross Road 3									
		From South To North									
0.00	15.00		Sqm	1	15.00	4.25	4.50	4.38		65.63	
15.00	29.20		Sqm	1	14.20	4.50	5.15	4.83		68.52	
		2nd A Cross Road									
		From South To North									
0.00	15.00		Sqm	1	15.00	5.45	5.65	5.55		83.25	
15.00	29.10		Sqm	1	14.10	5.65	5.67	5.66		79.81	
29.10	30.00		Sqm	1	0.90	4.80	4.80	4.80		4.32	
30.00	40.00		Sqm	1	10.00	4.80	4.10	4.45		44.50	
		2nd Cross Road									
		From South To North									
0.00	1.40		Sqm	1	1.40	4.70	4.26	4.48		6.27	
1.40	15.00		Sqm	1	13.60	4.26	4.35	4.31		58.55	
15.00	24.90		Sqm	1	9.90	4.35	4.60	4.48		44.30	
24.90	28.90		Sqm	1	4.00	4.06	4.12	4.09		16.36	
28.90	30.00		Sqm	1	1.10	4.40	4.55	4.48		4.92	
30.00	39.20		Sqm	1	9.20	4.55	4.42	4.49		41.26	AEE (VRP) SD
		Ganesh Nagar									
		6th Cross Road									
		From North To South									
0.00	15.00		Sqm	1	15.00	5.05	5.00	5.00		75.00	
15.00	16.80		Sqm	1	1.80	5.00	5.00	5.00		9.00	
16.80	30.00		Sqm	1	13.20	4.50	4.10	4.10		54.12	
30.00	45.00		Sqm	1	15.00	4.10	3.80	3.80		57.00	
45.00	50.10		Sqm	1	5.10	3.80	3.90	3.90		19.89	
50.10	52.10		Sqm	1	2.00	4.65	4.65	4.65		9.30	
52.10	60.00		Sqm	1	7.90	5.10	4.75	4.75		37.53	
60.00	68.30		Sqm	1	8.30	4.75	4.70	4.70		39.01	
68.30	75.00		Sqm	1	6.70	5.15	5.15	5.15		34.51	
75.00	86.00		Sqm	1	11.00	5.15	5.10	5.10		56.10	
86.00	90.00		Sqm	1	4.00	4.55	4.15	4.15		16.60	
90.00	105.00		Sqm	1	15.00	4.15	4.20	4.20		63.00	
105.00	120.00		Sqm	1	15.00	4.20	5.10	5.10		76.50	AEE (VRP) SD
120.00	123.50		Sqm	1	3.50	5.10	5.10	5.10		17.85	
123.50	135.00		Sqm	1	11.50	4.55	5.10	5.10		58.65	
135.00	141.10		Sqm	1	6.10	4.00	4.10	4.10		25.01	

3613.03

CIVIL ★ BANGALORE ★ Sig. Date

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
141.10	148.10		Sqm	1	7.00	5.30	5.00	5.00		35.00	3613.03
		6th Cross Connecting Road									
		West To East									
0.00	13.60		Sqm	1	13.60	6.20	6.20	6.20		84.32	
13.60	16.90		Sqm	1	3.30	9.50	9.10	9.30		30.69	
		2nd Main, 7th Cross Road									
		From North To South									
0.00	12.14		Sqm	1	12.14	5.90	5.90	5.90		71.63	
12.14	15.00		Sqm	1	2.86	5.40	5.30	5.35		15.30	
15.00	30.00		Sqm	1	15.00	5.30	4.10	4.70		70.50	
30.00	31.30		Sqm	1	1.30	4.10	4.30	4.20		5.46	
31.30	45.00		Sqm	1	13.70	5.20	5.20	5.20		71.24	
45.00	49.50		Sqm	1	4.50	5.20	5.20	5.20		23.40	
49.50	60.00		Sqm	1	10.50	5.20	5.20	5.20		54.60	
60.00	75.00		Sqm	1	15.00	5.20	4.85	5.03		75.38	
75.00	76.90		Sqm	1	1.90	4.85	4.95	4.90		9.31	
76.90	81.10		Sqm	1	4.20	5.65	6.20	5.93		24.88	
81.10	90.00		Sqm	1	8.90	6.20	6.10	6.15		54.74	
90.00	104.40		Sqm	1	14.40	6.10	6.00	6.05		87.12	
104.40	113.40		Sqm	1	9.00	5.10	4.90	5.00		45.00	
113.40	120.00		Sqm	1	6.60	5.60	5.80	5.70		37.62	
120.00	135.00		Sqm	1	15.00	5.80	5.80	5.80		87.00	
135.00	140.00		Sqm	1	5.00	5.80	5.80	5.80		29.00	
		7th A Cross Road									
		From North To South									
0.00	3.30		Sqm	1	3.30	6.70	5.60	6.15		20.30	
3.30	15.00		Sqm	1	11.70	5.60	4.40	5.00		58.50	
15.00	17.60		Sqm	1	2.60	4.40	4.20	4.30		11.18	
17.60	25.80		Sqm	1	8.20	5.10	4.90	5.00		41.00	
25.80	30.00		Sqm	1	4.20	5.40	5.20	5.30		22.26	
30.00	36.80		Sqm	1	6.80	5.20	5.40	5.30		36.04	
36.80	45.00		Sqm	1	8.20	5.90	5.80	5.85		47.97	
45.00	48.60		Sqm	1	3.60	5.80	5.50	5.65		20.34	
48.60	53.60		Sqm	1	5.00	6.00	5.80	5.90		29.50	
53.60	60.00		Sqm	1	6.40	5.10	4.40	4.75		30.40	
60.00	62.80		Sqm	1	2.80	4.40	4.90	4.65		13.02	
62.80	75.00		Sqm	1	12.20	5.60	5.20	5.40		65.88	
75.00	81.20		Sqm	1	6.20	5.20	4.90	5.05		31.31	
81.20	90.00		Sqm	1	8.80	5.80	6.10	5.95		52.36	
90.00	105.00		Sqm	1	15.00	6.10	5.30	5.70		85.50	
105.00	119.90		Sqm	1	14.90	5.30	5.90	5.60		83.44	
		8th Cross Road									
		South To North									
0.00	7.80		Sqm	1	7.80	6.60	5.90	6.25		48.75	
7.80	15.00		Sqm	1	7.20	6.40	7.10	6.75		48.60	
15.00	30.00		Sqm	1	15.00	7.60	7.80	7.70		115.50	
30.00	31.90		Sqm	1	1.90	7.80	7.75	7.78		14.77	
31.90	45.00		Sqm	1	13.10	7.00	7.50	7.25		94.98	
45.00	60.00		Sqm	1	15.00	7.50	7.80	7.65		114.75	
60.00	67.20		Sqm	1	7.20	7.80	7.10	7.45		53.64	
67.20	68.80		Sqm	1	1.60	5.90	5.80	5.85		9.36	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

5634.36

CIVIL ★ Sig..... Date..... ★ BANGALORE

K. Sankara Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyepura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
68.80	75.00		Sqm	1	6.20	5.30	5.20	5.25		32.55	
75.00	90.00		Sqm	1	15.00	5.20	6.20	5.70		85.50	
90.00	95.50		Sqm	1	5.50	6.20	6.30	6.25		34.38	
95.50	105.00		Sqm	1	9.50	7.60	7.40	7.50		71.25	
105.00	109.70		Sqm	1	4.70	7.40	7.80	7.60		35.72	
109.70	114.00		Sqm	1	4.30	6.90	7.30	7.10		30.53	
114.00	115.80		Sqm	1	1.80	2.20	2.40	2.30		4.14	
115.80	120.00		Sqm	1	4.20	6.10	5.40	5.75		24.15	
120.00	130.10		Sqm	1	10.10	5.40	5.10	5.25		53.03	
130.10	135.00		Sqm	1	4.90	5.60	5.70	5.65		27.69	
135.00	138.90		Sqm	1	3.90	5.70	5.65	5.68		22.13	
138.90	160.90		Sqm	1	22.00	4.90	4.60	4.75		104.50	
160.90	165.00		Sqm	1	4.10	5.60	5.60	5.60		22.96	
165.00	166.10		Sqm	1	1.10	5.60	5.60	5.60		6.16	
166.10	170.60		Sqm	1	4.50	6.40	6.40	6.40		28.80	
		8th A Cross Road									
		From East To West									
0.00	1.90		Sqm	1	1.90	9.10	5.80	7.45		14.16	
1.90	15.00		Sqm	1	13.10	5.80	6.00	5.90		77.29	
15.00	30.00		Sqm	1	15.00	6.00	6.10	6.05		90.75	
30.00	33.90		Sqm	1	3.90	6.10	6.30	6.20		24.18	
33.90	45.00		Sqm	1	11.10	7.10	7.20	7.15		79.37	
45.00	55.40		Sqm	1	10.40	7.20	7.30	7.25		75.40	
55.40	66.40		Sqm	1	11.00	5.80	6.00	5.90		64.90	
		8th A Cross Opposite Road									
		From West To East									
0.00	1.90		Sqm	1	1.90	7.10	6.10	6.60		12.54	
1.90	12.80		Sqm	1	10.90	6.10	6.50	6.30		68.67	
12.80	15.00		Sqm	1	2.20	7.40	7.40	7.40		16.28	
15.00	30.00		Sqm	1	15.00	7.40	7.40	7.40		111.00	
30.00	35.40		Sqm	1	5.40	7.40	7.40	7.40		39.96	
		8th B Cross Road									
		From East To West									
0.00	6.00		Sqm	1	6.00	6.60	6.40	6.50		39.00	
6.00	12.30		Sqm	1	6.30	6.40	5.90	6.15		38.75	
12.30	15.00		Sqm	1	2.70	6.30	6.10	6.20		16.74	
15.00	22.30		Sqm	1	7.30	6.10	6.10	6.10		44.53	
22.30	30.00		Sqm	1	7.70	5.45	5.30	5.38		41.39	
30.00	33.50		Sqm	1	3.50	5.30	5.40	5.35		18.73	
33.50	44.00		Sqm	1	10.50	6.30	6.20	6.25		65.63	
44.00	45.00		Sqm	1	1.00	5.30	5.30	5.30		5.30	
45.00	55.40		Sqm	1	10.40	5.30	5.30	5.30		55.12	
55.40	60.00		Sqm	1	4.60	6.70	7.25	6.98		32.09	
60.00	65.50		Sqm	1	5.50	7.25	7.40	7.33		40.29	
		8th B Cross Opposite Road									
		West To East									
0.00	1.20		Sqm	1	1.20	8.50	7.10	7.80		9.36	
1.20	11.02		Sqm	1	9.82	7.10	7.10	7.10		69.72	
11.02	15.00		Sqm	1	3.98	5.95	6.00	5.98		23.78	
15.00	22.30		Sqm	1	7.30	6.00	6.30	6.15		44.90	
22.30	30.00		Sqm	1	7.70	7.10	7.10	7.10		54.67	

AEE (VRP) S

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AEE (VRP) SD

Sig.....
Date.....

Contactor PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
30.00	33.50		Sqm	1	3.50	7.10	7.20	7.15		25.03	3522.50
		11th Cross Road									
		North To South									
0.00	15.00		Sqm	1	15.00	7.60	7.05	7.33		109.88	
15.00	30.00		Sqm	1	15.00	7.05	7.20	7.13		106.88	
30.00	45.00		Sqm	1	15.00	7.20	6.90	7.05		105.75	
45.00	60.00		Sqm	1	15.00	6.90	7.20	7.05		105.75	
60.00	75.00		Sqm	1	15.00	7.20	7.00	7.10		106.50	
75.00	90.00		Sqm	1	15.00	7.00	7.30	7.15		107.25	
90.00	105.00		Sqm	1	15.00	7.30	7.40	7.35		110.25	
105.00	114.00		Sqm	1	9.00	7.40	7.40	7.40		66.60	
114.00	118.00		Sqm	1	4.00	6.00	6.00	6.00		24.00	
118.00	127.60		Sqm	1	9.60	5.00	5.40	5.20		49.92	
127.60	135.00		Sqm	1	7.40	6.30	6.30	6.30		46.62	
135.00	150.00		Sqm	1	15.00	6.30	5.90	6.10		91.50	
150.00	154.20		Sqm	1	4.20	7.20	7.20	7.20		30.24	
		Deduction									
		Chamber	Sqm	-8	0.70	1.00	1.00	1.00		-5.60	
		Manhole	Sqm	-19	0.64					-12.09	
					Area of Circle= (3.142*0.9*0.9)/4=0.64						
									Total Executed Quantity	**8600.97**	
									Qty Carried to Summary	**8600.97**	

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.18		**Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		14-10-2022									
		Vidyaranyapura Sub division									
		Pillapa Layout(1st cross Road)									
		(W0815)									
		From North To South									
0.00	15.00		Sqm	1	15.00	6.55	6.42	6.49		97.28	
15.00	15.60		Sqm	1	0.60	6.42	6.30	6.36		3.82	
15.60	22.70		Sqm	1	7.10	6.42	7.10	6.76		48.00	
22.70	30.00		Sqm	1	7.30	7.10	6.95	7.03		51.28	
30.00	42.40		Sqm	1	12.40	6.95	7.23	7.09		87.92	
42.40	45.00		Sqm	1	2.60	6.50	6.50	6.50		16.90	
45.00	51.10		Sqm	1	6.10	6.50	6.35	6.43		39.19	
51.10	60.00		Sqm	1	8.90	5.40	5.35	5.38		47.84	
60.00	63.10		Sqm	1	3.10	5.35	5.30	5.33		16.51	
63.10	69.80		Sqm	1	6.70	6.30	6.20	6.25		41.88	
69.80	75.00		Sqm	1	5.20	7.15	7.10	7.13		37.05	
75.00	90.00		Sqm	1	15.00	7.10	7.05	7.08		106.13	
90.00	105.00		Sqm	1	15.00	7.05	7.05	7.05		105.75	
105.00	120.00		Sqm	1	15.00	7.05	6.95	7.00		105.00	
120.00	126.90		Sqm	1	6.90	6.95	7.00	6.98		48.13	
126.90	131.50		Sqm	1	4.60	6.00	5.97	5.99		27.53	
131.50	133.70		Sqm	1	2.20	7.05	7.10	7.08		15.56	
133.70	135.00		Sqm	1	1.30	6.60	6.50	6.55		8.52	
135.00	140.90		Sqm	1	5.90	6.50	6.56	6.53		38.53	
140.90	150.00		Sqm	1	9.10	7.10	7.15	7.13		64.84	
150.00	165.00		Sqm	1	15.00	7.15	7.25	7.20		108.00	
165.00	180.00		Sqm	1	15.00	6.03	5.65	5.84		87.60	
180.00	183.90		Sqm	1	3.90	5.65	5.76	5.71		22.25	
		East To West									
0.00	7.10		Sqm	1	7.10	8.20	8.25	8.23		58.40	
7.10	15.00		Sqm	1	7.90	7.45	7.35	7.40		58.46	
15.00	24.30		Sqm	1	9.30	7.35	7.26	7.31		67.94	
24.30	30.00		Sqm	1	5.70	6.57	6.90	6.74		38.39	
30.00	34.20		Sqm	1	4.20	6.90	6.90	6.90		28.98	
		Siddhi Vinayaka Layout									
		4th Main road									
		From East To West									
0.00	15.00		Sqm	1	15.00	5.65	5.45	5.55		83.25	
15.00	18.30		Sqm	1	3.30	5.45	5.40	5.43		17.90	
18.30	30.00		Sqm	1	11.70	5.06	5.20	5.13		60.02	
30.00	45.00		Sqm	1	15.00	5.20	5.75	5.48		82.13	
45.00	57.00		Sqm	1	12.00	5.75	5.80	5.78		69.30	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

12.10.24

57.00	60.00		Sqm	1	3.00	5.05	4.30	4.68		14.03
60.00	75.00		Sqm	1	15.00	4.30	4.88	4.59		68.85
75.00	90.00		Sqm	1	15.00	4.88	4.95	4.92		73.73
90.00	105.00		Sqm	1	15.00	4.95	4.85	4.90		73.50
105.00	108.80		Sqm	1	3.80	4.85	4.75	4.80		18.24
108.80	116.50		Sqm	1	7.70	5.70	5.45	5.58		42.93
116.50	120.00		Sqm	1	3.50	4.70	4.45	4.58		16.01
120.00	135.00		Sqm	1	15.00	4.45	4.25	4.35		65.25
135.00	150.00		Sqm	1	15.00	4.25	4.05	4.15		62.25
150.00	154.50		Sqm	1	4.50	4.05	5.00	4.53		20.36
154.50	163.10		Sqm	1	8.60	4.67	4.55	4.61		39.65
163.10	165.00		Sqm	1	1.90	5.40	5.40	5.40		10.26
165.00	180.00		Sqm	1	15.00	5.40	5.15	5.28		79.13
180.00	191.00		Sqm	1	11.00	5.15	5.50	5.33		58.58
191.00	193.30		Sqm	1	2.30	5.50	6.07	5.79		13.31
		Cross Road 3								
		From South To North								
0.00	15.00		Sqm	1	15.00	4.25	4.50	4.38		65.63
15.00	29.20		Sqm	1	14.20	4.50	5.15	4.83		68.52
		2nd A Cross Road								
		From South To North								
0.00	15.00		Sqm	1	15.00	5.45	5.65	5.55		83.25
15.00	29.10		Sqm	1	14.10	5.65	5.67	5.66		79.81
29.10	30.00		Sqm	1	0.90	4.80	4.80	4.80		4.32
30.00	40.00		Sqm	1	10.00	4.80	4.10	4.45		44.50
		2nd Cross Road								
		From South To North								
0.00	1.40		Sqm	1	1.40	4.70	4.26	4.48		6.27
1.40	15.00		Sqm	1	13.60	4.26	4.35	4.31		58.55
15.00	24.90		Sqm	1	9.90	4.35	4.60	4.48		44.30
24.90	28.90		Sqm	1	4.00	4.06	4.12	4.09		16.36
28.90	30.00		Sqm	1	1.10	4.40	4.55	4.48		4.92
30.00	39.20		Sqm	1	9.20	4.55	4.42	4.49		41.26
		Ganesh Nagar								
		6th Cross Road								
		From North To South								
0.00	15.00		Sqm	1	15.00	5.05	5.00	5.00		75.00
15.00	16.80		Sqm	1	1.80	5.00	5.00	5.00		9.00
16.80	30.00		Sqm	1	13.20	4.50	4.10	4.10		54.12
30.00	45.00		Sqm	1	15.00	4.10	3.80	3.80		57.00
45.00	50.10		Sqm	1	5.10	3.80	3.90	3.90		19.89
50.10	52.10		Sqm	1	2.00	4.65	4.65	4.65		9.30
52.10	60.00		Sqm	1	7.90	5.10	4.75	4.75		37.53
60.00	68.30		Sqm	1	8.30	4.75	4.70	4.70		39.01
68.30	75.00		Sqm	1	6.70	5.15	5.15	5.15		34.51
75.00	86.00		Sqm	1	11.00	5.15	5.10	5.10		56.10
86.00	90.00		Sqm	1	4.00	4.55	4.15	4.15		16.60
90.00	105.00		Sqm	1	15.00	4.15	4.20	4.20		63.00
105.00	120.00		Sqm	1	15.00	4.20	5.10	5.10		76.50
120.00	123.50		Sqm	1	3.50	5.10	5.10	5.10		17.85
123.50	135.00		Sqm	1	11.50	4.55	5.10	5.10		58.65

AEE (VRP) SD

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AEE (VRP) SD

3588.02

CIVIL Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

135.00	141.10		Sqm	1	6.10	4.00	4.10	4.10		25.01	3588.02
141.10	148.10		Sqm	1	7.00	5.30	5.00	5.00		35.00	
		6th Cross Connecting									
		West To East									
0.00	13.60		Sqm	1	13.60	6.20	6.20	6.20		84.32	
13.60	16.90		Sqm	1	3.30	9.50	9.10	9.30		30.69	
		2nd Main, 7th Cross Road									
		From North To South									
0.00	12.14		Sqm	1	12.14	5.90	5.90	5.90		71.63	
12.14	15.00		Sqm	1	2.86	5.40	5.30	5.35		15.30	
15.00	30.00		Sqm	1	15.00	5.30	4.10	4.70		70.50	
30.00	31.30		Sqm	1	1.30	4.10	4.30	4.20		5.46	
31.30	45.00		Sqm	1	13.70	5.20	5.20	5.20		71.24	
45.00	49.50		Sqm	1	4.50	5.20	5.20	5.20		23.40	
49.50	60.00		Sqm	1	10.50	5.20	5.20	5.20		54.60	
60.00	75.00		Sqm	1	15.00	5.20	4.85	5.03		75.38	
75.00	76.90		Sqm	1	1.90	4.85	4.95	4.90		9.31	
76.90	81.10		Sqm	1	4.20	5.65	6.20	5.93		24.88	
81.10	90.00		Sqm	1	8.90	6.20	6.10	6.15		54.74	
90.00	104.40		Sqm	1	14.40	6.10	6.00	6.05		87.12	
104.40	113.40		Sqm	1	9.00	5.10	4.90	5.00		45.00	
113.40	120.00		Sqm	1	6.60	5.60	5.80	5.70		37.62	
120.00	135.00		Sqm	1	15.00	5.80	5.80	5.80		87.00	
135.00	140.00		Sqm	1	5.00	5.80	5.80	5.80		29.00	
		7th A Cross Road									
		From North To South									
0.00	3.30		Sqm	1	3.30	6.70	5.60	6.15		20.30	
3.30	15.00		Sqm	1	11.70	5.60	4.40	5.00		58.50	
15.00	17.60		Sqm	1	2.60	4.40	4.20	4.30		11.18	
17.60	25.80		Sqm	1	8.20	5.10	4.90	5.00		41.00	
25.80	30.00		Sqm	1	4.20	5.40	5.20	5.30		22.26	
30.00	36.80		Sqm	1	6.80	5.20	5.40	5.30		36.04	
36.80	45.00		Sqm	1	8.20	5.90	5.80	5.85		47.97	
45.00	48.60		Sqm	1	3.60	5.80	5.50	5.65		20.34	
48.60	53.60		Sqm	1	5.00	6.00	5.80	5.90		29.50	
53.60	60.00		Sqm	1	6.40	5.10	4.40	4.75		30.40	
60.00	62.80		Sqm	1	2.80	4.40	4.90	4.65		13.02	
62.80	75.00		Sqm	1	12.20	5.60	5.20	5.40		65.88	
75.00	81.20		Sqm	1	6.20	5.20	4.90	5.05		31.31	
81.20	90.00		Sqm	1	8.80	5.80	6.10	5.95		52.36	
90.00	105.00		Sqm	1	15.00	6.10	5.30	5.70		85.50	
105.00	119.90		Sqm	1	14.90	5.30	5.90	5.60		83.44	
		8th Cross Road									
		South To North									
0.00	7.80		Sqm	1	7.80	6.60	5.90	6.25		48.75	
7.80	15.00		Sqm	1	7.20	6.40	7.10	6.75		48.60	
15.00	30.00		Sqm	1	15.00	7.60	7.80	7.70		115.50	
30.00	31.90		Sqm	1	1.90	7.80	7.75	7.78		14.77	
31.90	45.00		Sqm	1	13.10	7.00	7.50	7.25		94.98	
45.00	60.00		Sqm	1	15.00	7.50	7.80	7.65		114.75	

AEE (VRP) SD

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AEE (VRP) SD

3611.56

CIVIL Sig..... Date..... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P. Bangalore - 97

60.00	67.20		Sqm	1	7.20	7.80	7.10	7.45		53.64
67.20	68.80		Sqm	1	1.60	5.90	5.80	5.85		9.36
68.80	75.00		Sqm	1	6.20	5.30	5.20	5.25		32.55
75.00	90.00		Sqm	1	15.00	5.20	6.20	5.70		85.50
90.00	95.50		Sqm	1	5.50	6.20	6.30	6.25		34.38
95.50	105.00		Sqm	1	9.50	7.60	7.40	7.50		71.25
105.00	109.70		Sqm	1	4.70	7.40	7.80	7.60		35.72
109.70	114.00		Sqm	1	4.30	6.90	7.30	7.10		30.53
114.00	115.80		Sqm	1	1.80	2.20	2.40	2.30		4.14
115.80	120.00		Sqm	1	4.20	6.10	5.40	5.75		24.15
120.00	130.10		Sqm	1	10.10	5.40	5.10	5.25		53.03
130.10	135.00		Sqm	1	4.90	5.60	5.70	5.65		27.69
135.00	138.90		Sqm	1	3.90	5.70	5.65	5.68		22.13
138.90	160.90		Sqm	1	22.00	4.90	4.60	4.75		104.50
160.90	165.00		Sqm	1	4.10	5.60	5.60	5.60		22.96
165.00	166.10		Sqm	1	1.10	5.60	5.60	5.60		6.16
166.10	170.60		Sqm	1	4.50	6.40	6.40	6.40		28.80
		8th A Cross Road								
		From East To West								
0.00	1.90		Sqm	1	1.90	9.10	5.80	7.45		14.16
1.90	15.00		Sqm	1	13.10	5.80	6.00	5.90		77.29
15.00	30.00		Sqm	1	15.00	6.00	6.10	6.05		90.75
30.00	33.90		Sqm	1	3.90	6.10	6.30	6.20		24.18
33.90	45.00		Sqm	1	11.10	7.10	7.20	7.15		79.37
45.00	55.40		Sqm	1	10.40	7.20	7.30	7.25		75.40
55.40	66.40		Sqm	1	11.00	5.80	6.00	5.90		64.90
		8th A Cross Opposite								
		From West To East								
0.00	1.90		Sqm	1	1.90	7.10	6.10	6.60		12.54
1.90	12.80		Sqm	1	10.90	6.10	6.50	6.30		68.67
12.80	15.00		Sqm	1	2.20	7.40	7.40	7.40		16.28
15.00	30.00		Sqm	1	15.00	7.40	7.40	7.40		111.00
30.00	35.40		Sqm	1	5.40	7.40	7.40	7.40		39.96
		8th B Cross Road								
		From East To West								
0.00	6.00		Sqm	1	6.00	6.60	6.40	6.50		39.00
6.00	12.30		Sqm	1	6.30	6.40	5.90	6.15		38.75
12.30	15.00		Sqm	1	2.70	6.30	6.10	6.20		16.74
15.00	22.30		Sqm	1	7.30	6.10	6.10	6.10		44.53
22.30	30.00		Sqm	1	7.70	5.45	5.30	5.38		41.39
30.00	33.50		Sqm	1	3.50	5.30	5.40	5.35		18.73
33.50	44.00		Sqm	1	10.50	6.30	6.20	6.25		65.63
44.00	45.00		Sqm	1	1.00	5.30	5.30	5.30		5.30
45.00	55.40		Sqm	1	10.40	5.30	5.30	5.30		55.12
55.40	60.00		Sqm	1	4.60	6.70	7.25	6.98		32.09
60.00	65.50		Sqm	1	5.50	7.25	7.40	7.33		40.26
		8th B Cross Opposite								
		West To East								
0.00	1.20		Sqm	1	1.20	8.50	7.10	7.80		9.36
1.20	11.02		Sqm	1	9.82	7.10	7.10	7.10		69.72

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AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

Sig.....
Date.....
BANGALORE

Contactor PMC Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

11.02	15.00		Sqm	1	3.98	5.95	6.00	5.98		23.78	
15.00	22.30		Sqm	1	7.30	6.00	6.30	6.15		44.90	
22.30	30.00		Sqm	1	7.70	7.10	7.10	7.10		54.67	
30.00	33.50		Sqm	1	3.50	7.10	7.20	7.15		25.03	
		11th Cross Road									
		North To South									
0.00	15.00		Sqm	1	15.00	7.60	7.05	7.33		109.88	
15.00	30.00		Sqm	1	15.00	7.05	7.20	7.13		106.88	
30.00	45.00		Sqm	1	15.00	7.20	6.90	7.05		105.75	
45.00	60.00		Sqm	1	15.00	6.90	7.20	7.05		105.75	
60.00	75.00		Sqm	1	15.00	7.20	7.00	7.10		106.50	
75.00	90.00		Sqm	1	15.00	7.00	7.30	7.15		107.25	
90.00	105.00		Sqm	1	15.00	7.30	7.40	7.35		110.25	
105.00	114.00		Sqm	1	9.00	7.40	7.40	7.40		66.60	
114.00	118.00		Sqm	1	4.00	6.00	6.00	6.00		24.00	
118.00	127.60		Sqm	1	9.60	5.00	5.40	5.20		49.92	
127.60	135.00		Sqm	1	7.40	6.30	6.30	6.30		46.62	
135.00	150.00		Sqm	1	15.00	6.30	5.90	6.10		91.50	
150.00	154.20		Sqm	1	4.20	7.20	7.20	7.20		30.24	
		Deduction									
		Chamber	Sqm	-8	0.70	1.00	1.00	1.00		-5.60	
		Manhole	Sqm	-19	0.64					-12.09	
					Area of Circle= (3.142*0.9*0.9)/4=0.64						
									Total Executed Quantity	**8600.97**	
									Qty Carried to Summary	**8600.97**	

3409.15

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.19		**Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriageof mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		20-10-2022									
		Vidyaranyapura Sub division									
		Siddhi Vinayaka Layout									
		Cross Road 3									
		From South To North									
0	15		Cum	1	15.00	4.25	4.50	4.38	0.15	9.84	
15	29.2		Cum	1	14.20	4.50	5.15	4.83	0.15	10.28	
									Total Executed Quantity	**20.12**	
									Qty Carried to Summary	**20.12**	

AEE (VRP) SD

CIVIL P to
Sig.....
Date.....
BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive E...
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.20		**Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		29-11-2022									
		Vidyaranyapura Sub division									
		Pillapa Layout(1st cross Road)									
		(W0815)									
		From North To South									
0.00	15.00		Cum	1	15.00	6.55	6.42	6.49	0.23	22.37	
15.00	15.60		Cum	1	0.60	6.42	6.30	6.36	0.23	0.88	
15.60	22.70		Cum	1	7.10	6.42	7.10	6.76	0.23	11.04	
22.70	30.00		Cum	1	7.30	7.10	6.95	7.03	0.23	11.79	
30.00	42.40		Cum	1	12.40	6.95	7.23	7.09	0.23	20.22	
42.40	45.00		Cum	1	2.60	6.50	6.50	6.50	0.23	3.89	
45.00	51.10		Cum	1	6.10	6.50	6.35	6.43	0.23	9.01	
51.10	60.00		Cum	1	8.90	5.40	5.35	5.38	0.23	11.00	
60.00	63.10		Cum	1	3.10	5.35	5.30	5.33	0.23	3.80	
63.10	69.80		Cum	1	6.70	6.30	6.20	6.25	0.23	9.63	
69.80	75.00		Cum	1	5.20	7.15	7.10	7.13	0.23	8.52	
75.00	90.00		Cum	1	15.00	7.10	7.05	7.08	0.23	24.41	
90.00	105.00		Cum	1	15.00	7.05	7.05	7.05	0.23	24.32	
105.00	120.00		Cum	1	15.00	7.05	6.95	7.00	0.23	24.15	
120.00	126.90		Cum	1	6.90	6.95	7.00	6.98	0.23	11.07	
126.90	131.50		Cum	1	4.60	6.00	5.97	5.99	0.23	6.33	
131.50	133.70		Cum	1	2.20	7.05	7.10	7.08	0.23	3.58	
133.70	135.00		Cum	1	1.30	6.60	6.50	6.55	0.23	1.96	
135.00	140.90		Cum	1	5.90	6.50	6.56	6.53	0.23	8.86	
140.90	150.00		Cum	1	9.10	7.10	7.15	7.13	0.23	14.91	
150.00	165.00		Cum	1	15.00	7.15	7.25	7.20	0.23	24.84	
165.00	180.00		Cum	1	15.00	6.03	5.65	5.84	0.23	20.15	
180.00	183.90		Cum	1	3.90	5.65	5.76	5.71	0.23	5.12	
		East To West									
0.00	7.10		Cum	1	7.10	8.20	8.25	8.23	0.23	13.43	
7.10	15.00		Cum	1	7.90	7.45	7.35	7.40	0.23	13.45	
15.00	24.30		Cum	1	9.30	7.35	7.26	7.31	0.23	15.63	
24.30	30.00		Cum	1	5.70	6.57	6.90	6.74	0.23	8.83	
30.00	34.20		Cum	1	4.20	6.90	6.90	6.90	0.23	6.67	
		Siddhi Vinayaka Layout									
		4th Main road									
		From East To West									
0.00	15.00		Cum	1	15.00	5.65	5.45	5.55	0.23	19.15	
15.00	18.30		Cum	1	3.30	5.45	5.40	5.43	0.23	4.12	
18.30	30.00		Cum	1	11.70	5.06	5.20	5.13	0.23	13.80	
30.00	45.00		Cum	1	15.00	5.20	5.75	5.48	0.23	18.89	
45.00	57.00		Cum	1	12.00	5.75	5.80	5.78	0.23	15.94	
57.00	60.00		Cum	1	3.00	5.05	4.30	4.68	0.23	3.23	
60.00	75.00		Cum	1	15.00	4.30	4.88	4.59	0.23	15.84	

AEE (VRP) SD

AEE (VRP) SD

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AEE (VRP) SD

Sig.....
Date.....
BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
75.00	90.00		Cum	1	15.00	4.88	4.95	4.92	0.23	16.96	
90.00	105.00		Cum	1	15.00	4.95	4.85	4.90	0.23	16.91	
105.00	108.80		Cum	1	3.80	4.85	4.75	4.80	0.23	4.20	
108.80	116.50		Cum	1	7.70	5.70	5.45	5.58	0.23	9.87	
116.50	120.00		Cum	1	3.50	4.70	4.45	4.58	0.23	3.68	
120.00	135.00		Cum	1	15.00	4.45	4.25	4.35	0.23	15.01	
135.00	150.00		Cum	1	15.00	4.25	4.05	4.15	0.23	14.32	
150.00	154.50		Cum	1	4.50	4.05	5.00	4.53	0.23	4.68	
154.50	163.10		Cum	1	8.60	4.67	4.55	4.61	0.23	9.12	
163.10	165.00		Cum	1	1.90	5.40	5.40	5.40	0.23	2.36	
165.00	180.00		Cum	1	15.00	5.40	5.15	5.28	0.23	18.20	
180.00	191.00		Cum	1	11.00	5.15	5.50	5.33	0.23	13.47	
191.00	193.30		Cum	1	2.30	5.50	6.07	5.79	0.23	3.06	
		Cross Road 3									
		From South To North									
0.00	15.00		Cum	1	15.00	4.25	4.50	4.38	0.23	15.09	
15.00	29.20		Cum	1	14.20	4.50	5.15	4.83	0.23	15.76	
		2nd A Cross Road									
		From South To North									
0.00	15.00		Cum	1	15.00	5.45	5.65	5.55	0.23	19.15	
15.00	29.10		Cum	1	14.10	5.65	5.67	5.66	0.23	18.36	
29.10	30.00		Cum	1	0.90	4.80	4.80	4.80	0.23	0.99	
30.00	40.00		Cum	1	10.00	4.80	4.10	4.45	0.23	10.24	
		2nd Cross Road									
		From South To North									
0.00	1.40		Cum	1	1.40	4.70	4.26	4.48	0.23	1.44	
1.40	15.00		Cum	1	13.60	4.26	4.35	4.31	0.23	13.47	
15.00	24.90		Cum	1	9.90	4.35	4.60	4.48	0.23	10.19	
24.90	28.90		Cum	1	4.00	4.06	4.12	4.09	0.23	3.76	
28.90	30.00		Cum	1	1.10	4.40	4.55	4.48	0.23	1.13	
30.00	39.20		Cum	1	9.20	4.55	4.42	4.49	0.23	9.49	
		Ganesh Nagar									
		6th Cross Road									
		From North To South									
0.00	15.00		Cum	1	15.00	5.05	5.00	5.00	0.23	17.25	
15.00	16.80		Cum	1	1.80	5.00	5.00	5.00	0.23	2.07	
16.80	30.00		Cum	1	13.20	4.50	4.10	4.10	0.23	12.45	
30.00	45.00		Cum	1	15.00	4.10	3.80	3.80	0.23	13.11	
45.00	50.10		Cum	1	5.10	3.80	3.90	3.90	0.23	4.57	
50.10	52.10		Cum	1	2.00	4.65	4.65	4.65	0.23	2.14	
52.10	60.00		Cum	1	7.90	5.10	4.75	4.75	0.23	8.63	
60.00	68.30		Cum	1	8.30	4.75	4.70	4.70	0.23	8.97	
68.30	75.00		Cum	1	6.70	5.15	5.15	5.15	0.23	7.94	
75.00	86.00		Cum	1	11.00	5.15	5.10	5.10	0.23	12.90	
86.00	90.00		Cum	1	4.00	4.55	4.15	4.15	0.23	3.82	
90.00	105.00		Cum	1	15.00	4.15	4.20	4.20	0.23	14.49	
105.00	120.00		Cum	1	15.00	4.20	5.10	5.10	0.23	17.64	
120.00	123.50		Cum	1	3.50	5.10	5.10	5.10	0.23	4.11	
123.50	135.00		Cum	1	11.50	4.55	5.10	5.10	0.23	13.49	
135.00	141.10		Cum	1	6.10	4.00	4.10	4.10	0.23	5.75	
141.10	148.10		Cum	1	7.00	5.30	5.00	5.00	0.23	8.05	

4920.82

AEE (VRP) SD

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8839.05

CIVIL Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		6th Cross Connecting Road									859.05
		West To East									
0.00	13.60		Cum	1	13.60	6.20	6.20	6.20	0.23	19.39	
13.60	16.90		Cum	1	3.30	9.50	9.10	9.30	0.23	7.06	
		2nd Main, 7th Cross Road									
		From North To South									
0.00	12.14		Cum	1	12.14	5.90	5.90	5.90	0.23	16.47	
12.14	15.00		Cum	1	2.86	5.40	5.30	5.35	0.23	3.52	
15.00	30.00		Cum	1	15.00	5.30	4.10	4.70	0.23	16.22	
30.00	31.30		Cum	1	1.30	4.10	4.30	4.20	0.23	1.26	
31.30	45.00		Cum	1	13.70	5.20	5.20	5.20	0.23	16.39	
45.00	49.50		Cum	1	4.50	5.20	5.20	5.20	0.23	5.38	
49.50	60.00		Cum	1	10.50	5.20	5.20	5.20	0.23	12.56	
60.00	75.00		Cum	1	15.00	5.20	4.85	5.03	0.23	17.34	
75.00	76.90		Cum	1	1.90	4.85	4.95	4.90	0.23	2.14	
76.90	81.10		Cum	1	4.20	5.65	6.20	5.93	0.23	5.72	
81.10	90.00		Cum	1	8.90	6.20	6.10	6.15	0.23	12.59	
90.00	104.40		Cum	1	14.40	6.10	6.00	6.05	0.23	20.04	
104.40	113.40		Cum	1	9.00	5.10	4.90	5.00	0.23	10.35	
113.40	120.00		Cum	1	6.60	5.60	5.80	5.70	0.23	8.65	
120.00	135.00		Cum	1	15.00	5.80	5.80	5.80	0.23	20.01	
135.00	140.00		Cum	1	5.00	5.80	5.80	5.80	0.23	6.67	
		7th A Cross Road									
		From North To South									
0.00	3.30		Cum	1	3.30	6.70	5.60	6.15	0.23	4.67	
3.30	15.00		Cum	1	11.70	5.60	4.40	5.00	0.23	13.46	
15.00	17.60		Cum	1	2.60	4.40	4.20	4.30	0.23	2.57	
17.60	25.80		Cum	1	8.20	5.10	4.90	5.00	0.23	9.43	
25.80	30.00		Cum	1	4.20	5.40	5.20	5.30	0.23	5.12	
30.00	36.80		Cum	1	6.80	5.20	5.40	5.30	0.23	8.29	
36.80	45.00		Cum	1	8.20	5.90	5.80	5.85	0.23	11.03	
45.00	48.60		Cum	1	3.60	5.80	5.50	5.65	0.23	4.68	
48.60	53.60		Cum	1	5.00	6.00	5.80	5.90	0.23	6.79	
53.60	60.00		Cum	1	6.40	5.10	4.40	4.75	0.23	6.99	
60.00	62.80		Cum	1	2.80	4.40	4.90	4.65	0.23	2.99	
62.80	75.00		Cum	1	12.20	5.60	5.20	5.40	0.23	15.15	
75.00	81.20		Cum	1	6.20	5.20	4.90	5.05	0.23	7.20	
81.20	90.00		Cum	1	8.80	5.80	6.10	5.95	0.23	12.04	
90.00	105.00		Cum	1	15.00	6.10	5.30	5.70	0.23	19.67	
105.00	119.90		Cum	1	14.90	5.30	5.90	5.60	0.23	19.19	
		8th Cross Road									
		South To North									
0.00	7.80		Cum	1	7.80	6.60	5.90	6.25	0.23	11.21	
7.80	15.00		Cum	1	7.20	6.40	7.10	6.75	0.23	11.18	
15.00	30.00		Cum	1	15.00	7.60	7.80	7.70	0.23	26.57	
30.00	31.90		Cum	1	1.90	7.80	7.75	7.78	0.23	3.40	
31.90	45.00		Cum	1	13.10	7.00	7.50	7.25	0.23	21.84	
45.00	60.00		Cum	1	15.00	7.50	7.80	7.65	0.23	26.39	
60.00	67.20		Cum	1	7.20	7.80	7.10	7.45	0.23	12.34	
67.20	68.80		Cum	1	1.60	5.90	5.80	5.85	0.23	2.15	
68.80	75.00		Cum	1	6.20	5.30	5.20	5.25	0.23	7.49	
75.00	90.00		Cum	1	15.00	5.20	6.20	5.70	0.23	19.67	
90.00	95.50		Cum	1	5.50	6.20	6.30	6.25	0.23	7.91	

AEE (VRP) SD

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1340.21

CIVIL Prof. Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
95.50	105.00		Cum	1	9.50	7.60	7.40	7.50	0.23	16.39	
105.00	109.70		Cum	1	4.70	7.40	7.80	7.60	0.23	8.22	
109.70	114.00		Cum	1	4.30	6.90	7.30	7.10	0.23	7.02	
114.00	115.80		Cum	1	1.80	2.20	2.40	2.30	0.23	0.95	
115.80	120.00		Cum	1	4.20	6.10	5.40	5.75	0.23	5.55	
120.00	130.10		Cum	1	10.10	5.40	5.10	5.25	0.23	12.20	
130.10	135.00		Cum	1	4.90	5.60	5.70	5.65	0.23	6.37	
135.00	138.90		Cum	1	3.90	5.70	5.65	5.68	0.23	5.09	
138.90	160.90		Cum	1	22.00	4.90	4.60	4.75	0.23	24.04	
160.90	165.00		Cum	1	4.10	5.60	5.60	5.60	0.23	5.28	
165.00	166.10		Cum	1	1.10	5.60	5.60	5.60	0.23	1.42	
166.10	170.60		Cum	1	4.50	6.40	6.40	6.40	0.23	6.62	
		8th A Cross Road									
		From East To West									
0.00	1.90		Cum	1	1.90	9.10	5.80	7.45	0.23	3.26	
1.90	15.00		Cum	1	13.10	5.80	6.00	5.90	0.23	17.78	
15.00	30.00		Cum	1	15.00	6.00	6.10	6.05	0.23	20.87	
30.00	33.90		Cum	1	3.90	6.10	6.30	6.20	0.23	5.56	
33.90	45.00		Cum	1	11.10	7.10	7.20	7.15	0.23	18.25	
45.00	55.40		Cum	1	10.40	7.20	7.30	7.25	0.23	17.34	
55.40	66.40		Cum	1	11.00	5.80	6.00	5.90	0.23	14.93	
		8th A Cross Opposite Road									
		From West To East									
0.00	1.90		Cum	1	1.90	7.10	6.10	6.60	0.23	2.88	
1.90	12.80		Cum	1	10.90	6.10	6.50	6.30	0.23	15.79	
12.80	15.00		Cum	1	2.20	7.40	7.40	7.40	0.23	3.74	
15.00	30.00		Cum	1	15.00	7.40	7.40	7.40	0.23	25.53	
30.00	35.40		Cum	1	5.40	7.40	7.40	7.40	0.23	9.19	
		8th B Cross Road									
		From East To West									
0.00	6.00		Cum	1	6.00	6.60	6.40	6.50	0.23	8.97	
6.00	12.30		Cum	1	6.30	6.40	5.90	6.15	0.23	8.91	
12.30	15.00		Cum	1	2.70	6.30	6.10	6.20	0.23	3.85	
15.00	22.30		Cum	1	7.30	6.10	6.10	6.10	0.23	10.24	
22.30	30.00		Cum	1	7.70	5.45	5.30	5.38	0.23	9.52	
30.00	33.50		Cum	1	3.50	5.30	5.40	5.35	0.23	4.31	
33.50	44.00		Cum	1	10.50	6.30	6.20	6.25	0.23	15.09	
44.00	45.00		Cum	1	1.00	5.30	5.30	5.30	0.23	1.22	
45.00	55.40		Cum	1	10.40	5.30	5.30	5.30	0.23	12.68	
55.40	60.00		Cum	1	4.60	6.70	7.25	6.98	0.23	7.38	
60.00	65.50		Cum	1	5.50	7.25	7.40	7.33	0.23	9.27	
		8th B Cross Opposite Road									
		West To East									
0.00	1.20		Cum	1	1.20	8.50	7.10	7.80	0.23	2.15	
1.20	11.02		Cum	1	9.82	7.10	7.10	7.10	0.23	16.04	
11.02	15.00		Cum	1	3.98	5.95	6.00	5.98	0.23	5.47	
15.00	22.30		Cum	1	7.30	6.00	6.30	6.15	0.23	10.33	
22.30	30.00		Cum	1	7.70	7.10	7.10	7.10	0.23	12.57	
30.00	33.50		Cum	1	3.50	7.10	7.20	7.15	0.23	5.76	

1340.21

AEE (VRP) SD

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AEE (VRP) SD

1738.23

CIVIL Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer Vidyaranyapura Sub Division B.B.M.P. Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		11th Cross Road									1978.22
		North To South									
0.00	15.00		Cum	1	15.00	7.60	7.05	7.33	0.23	25.27	
15.00	30.00		Cum	1	15.00	7.05	7.20	7.13	0.23	24.58	
30.00	45.00		Cum	1	15.00	7.20	6.90	7.05	0.23	24.32	
45.00	60.00		Cum	1	15.00	6.90	7.20	7.05	0.23	24.32	
60.00	75.00		Cum	1	15.00	7.20	7.00	7.10	0.23	24.50	
75.00	90.00		Cum	1	15.00	7.00	7.30	7.15	0.23	24.67	
90.00	105.00		Cum	1	15.00	7.30	7.40	7.35	0.23	25.36	
105.00	114.00		Cum	1	9.00	7.40	7.40	7.40	0.23	15.32	
114.00	118.00		Cum	1	4.00	6.00	6.00	6.00	0.23	5.52	
118.00	127.60		Cum	1	9.60	5.00	5.40	5.20	0.23	11.4	
127.60	135.00		Cum	1	7.40	6.30	6.30	6.30	0.23	10.72	
135.00	150.00		Cum	1	15.00	6.30	5.90	6.10	0.23	21.05	
150.00	154.20		Cum	1	4.20	7.20	7.20	7.20	0.23	6.96	
		Deduction									
		Chamber	Cum	-8	0.70	1.00	1.00	1.00	0.23	-1.29	
		Manhole	Cum	-19	0.64				0.23	-2.78	
					Area of Circle= (3.142*0.9*0.9)/4=0.64						
									Total Executed Quantity	1978.22	
									Qty Carried to Summary	1978.22	

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.22		**Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means and as per the directions of the Engineer-in-charge of the work**									
Measurements taken on		08-12-2022									
		Vidyaranyapura Sub division									
		Ganesh Nagar									
		6th Cross Road									
		From North To South									
0.00	15.00		Sqm	1	15.00	5.05	5.00	5.00		75.00	
15.00	16.80		Sqm	1	1.80	5.00	5.00	5.00		9.00	
16.80	30.00		Sqm	1	13.20	4.50	4.10	4.10		54.12	
30.00	45.00		Sqm	1	15.00	4.10	3.80	3.80		57.00	
45.00	50.10		Sqm	1	5.10	3.80	3.90	3.90		19.89	
50.10	52.10		Sqm	1	2.00	4.65	4.65	4.65		9.30	
52.10	60.00		Sqm	1	7.90	5.10	4.75	4.75		37.53	
60.00	68.30		Sqm	1	8.30	4.75	4.70	4.70		39.01	
68.30	75.00		Sqm	1	6.70	5.15	5.15	5.15		34.51	
75.00	86.00		Sqm	1	11.00	5.15	5.10	5.10		56.10	
86.00	90.00		Sqm	1	4.00	4.55	4.15	4.15		16.60	
90.00	105.00		Sqm	1	15.00	4.15	4.20	4.20		63.00	
105.00	120.00		Sqm	1	15.00	4.20	5.10	5.10		76.50	
120.00	123.50		Sqm	1	3.50	5.10	5.10	5.10		17.85	
123.50	135.00		Sqm	1	11.50	4.55	5.10	5.10		58.65	
135.00	141.10		Sqm	1	6.10	4.00	4.10	4.10		25.01	
141.10	148.10		Sqm	1	7.00	5.30	5.00	5.00		35.00	
		6th Cross Connecting Road									
		West To East									
0.00	13.60		Sqm	1	13.60	6.20	6.20	6.20		84.32	
13.60	16.90		Sqm	1	3.30	9.50	9.10	9.30		30.69	
		2nd Main, 7th Cross Road									
		From North To South									
0.00	12.14		Sqm	1	12.14	5.90	5.90	5.90		71.63	
12.14	15.00		Sqm	1	2.86	5.40	5.30	5.35		15.30	
15.00	30.00		Sqm	1	15.00	5.30	4.10	4.70		70.50	
30.00	31.30		Sqm	1	1.30	4.10	4.30	4.20		5.46	
31.30	45.00		Sqm	1	13.70	5.20	5.20	5.20		71.24	
45.00	49.50		Sqm	1	4.50	5.20	5.20	5.20		23.40	
49.50	60.00		Sqm	1	10.50	5.20	5.20	5.20		54.60	
60.00	75.00		Sqm	1	15.00	5.20	4.85	5.03		75.38	
75.00	76.90		Sqm	1	1.90	4.85	4.95	4.90		9.31	
76.90	81.10		Sqm	1	4.20	5.65	6.20	5.93		24.88	
81.10	90.00		Sqm	1	8.90	6.20	6.10	6.15		54.74	
90.00	104.40		Sqm	1	14.40	6.10	6.00	6.05		87.12	
104.40	113.40		Sqm	1	9.00	5.10	4.90	5.00		45.00	
113.40	120.00		Sqm	1	6.60	5.60	5.80	5.70		37.62	
120.00	135.00		Sqm	1	15.00	5.80	5.80	5.80		87.00	
135.00	140.00		Sqm	1	5.00	5.80	5.80	5.80		29.00	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

1561.24

CIVIL Sig Date BANGALORE

Contactor PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engine
Vidyaranyapura Sub Divisi
B.B.M.P. Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		7th A Cross Road									
		From North To South									
0.00	3.30		Sqm	1	3.30	6.70	5.60	6.15		20.30	
3.30	15.00		Sqm	1	11.70	5.60	4.40	5.00		58.50	
15.00	17.60		Sqm	1	2.60	4.40	4.20	4.30		11.18	
17.60	25.80		Sqm	1	8.20	5.10	4.90	5.00		41.00	
25.80	30.00		Sqm	1	4.20	5.40	5.20	5.30		22.26	
30.00	36.80		Sqm	1	6.80	5.20	5.40	5.30		36.04	
36.80	45.00		Sqm	1	8.20	5.90	5.80	5.85		47.97	
45.00	48.60		Sqm	1	3.60	5.80	5.50	5.65		20.34	
48.60	53.60		Sqm	1	5.00	6.00	5.80	5.90		29.50	
53.60	60.00		Sqm	1	6.40	5.10	4.40	4.75		30.40	
60.00	62.80		Sqm	1	2.80	4.40	4.90	4.65		13.02	
62.80	75.00		Sqm	1	12.20	5.60	5.20	5.40		65.88	
75.00	81.20		Sqm	1	6.20	5.20	4.90	5.05		31.31	
81.20	90.00		Sqm	1	8.80	5.80	6.10	5.95		52.36	
90.00	105.00		Sqm	1	15.00	6.10	5.30	5.70		85.50	
105.00	119.90		Sqm	1	14.90	5.30	5.90	5.60		83.44	
		8th Cross Road									
		South To North									
0.00	7.80		Sqm	1	7.80	6.60	5.90	6.25		48.75	
7.80	15.00		Sqm	1	7.20	6.40	7.10	6.75		48.60	
15.00	30.00		Sqm	1	15.00	7.60	7.80	7.70		115.50	
30.00	31.90		Sqm	1	1.90	7.80	7.75	7.78		14.77	
31.90	45.00		Sqm	1	13.10	7.00	7.50	7.25		94.98	
45.00	60.00		Sqm	1	15.00	7.50	7.80	7.65		114.75	
60.00	67.20		Sqm	1	7.20	7.80	7.10	7.45		53.64	
67.20	68.80		Sqm	1	1.60	5.90	5.80	5.85		9.36	
68.80	75.00		Sqm	1	6.20	5.30	5.20	5.25		32.55	
75.00	90.00		Sqm	1	15.00	5.20	6.20	5.70		85.50	
90.00	95.50		Sqm	1	5.50	6.20	6.30	6.25		34.38	
95.50	105.00		Sqm	1	9.50	7.60	7.40	7.50		71.25	
105.00	109.70		Sqm	1	4.70	7.40	7.80	7.60		35.72	
109.70	114.00		Sqm	1	4.30	6.90	7.30	7.10		30.53	
114.00	115.80		Sqm	1	1.80	2.20	2.40	2.30		4.14	
115.80	120.00		Sqm	1	4.20	6.10	5.40	5.75		24.15	
120.00	130.10		Sqm	1	10.10	5.40	5.10	5.25		53.03	
130.10	135.00		Sqm	1	4.90	5.60	5.70	5.65		27.69	
135.00	138.90		Sqm	1	3.90	5.70	5.65	5.68		22.13	
138.90	160.90		Sqm	1	22.00	4.90	4.60	4.75		104.50	
160.90	165.00		Sqm	1	4.10	5.60	5.60	5.60		22.96	
165.00	166.10		Sqm	1	1.10	5.60	5.60	5.60		6.16	
166.10	170.60		Sqm	1	4.50	6.40	6.40	6.40		28.80	
		8th A Cross Road									
		From East To West									
0.00	1.90		Sqm	1	1.90	9.10	5.80	7.45		14.16	
1.90	15.00		Sqm	1	13.10	5.80	6.00	5.90		77.29	
15.00	30.00		Sqm	1	15.00	6.00	6.10	6.05		90.75	
30.00	33.90		Sqm	1	3.90	6.10	6.30	6.20		24.18	
33.90	45.00		Sqm	1	11.10	7.10	7.20	7.15		79.37	
45.00	55.40		Sqm	1	10.40	7.20	7.30	7.25		75.40	
55.40	66.40		Sqm	1	11.00	5.80	6.00	5.90		64.90	

1561.24

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

3320.10

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		8th A Cross Opposite Road									
		From West To East									
0.00	1.90		Sqm	1	1.90	7.10	6.10	6.60		12.54	
1.90	12.80		Sqm	1	10.90	6.10	6.50	6.30		68.67	
12.80	15.00		Sqm	1	2.20	7.40	7.40	7.40		16.28	
15.00	30.00		Sqm	1	15.00	7.40	7.40	7.40		111.00	
30.00	35.40		Sqm	1	5.40	7.40	7.40	7.40		39.96	
		8th B Cross Road									
		From East To West									
0.00	6.00		Sqm	1	6.00	6.60	6.40	6.50		39.00	
6.00	12.30		Sqm	1	6.30	6.40	5.90	6.15		38.75	
12.30	15.00		Sqm	1	2.70	6.30	6.10	6.20		16.74	
15.00	22.30		Sqm	1	7.30	6.10	6.10	6.10		44.53	
22.30	30.00		Sqm	1	7.70	5.45	5.30	5.38		41.39	
30.00	33.50		Sqm	1	3.50	5.30	5.40	5.35		18.73	
33.50	44.00		Sqm	1	10.50	6.30	6.20	6.25		65.63	
44.00	45.00		Sqm	1	1.00	5.30	5.30	5.30		5.30	
45.00	55.40		Sqm	1	10.40	5.30	5.30	5.30		55.12	
55.40	60.00		Sqm	1	4.60	6.70	7.25	6.98		32.09	
60.00	65.50		Sqm	1	5.50	7.25	7.40	7.33		40.29	
		8th B Cross Opposite Road									
		West To East									
0.00	1.20		Sqm	1	1.20	8.50	7.10	7.80		9.36	
1.20	11.02		Sqm	1	9.82	7.10	7.10	7.10		69.72	
11.02	15.00		Sqm	1	3.98	5.95	6.00	5.98		23.78	
15.00	22.30		Sqm	1	7.30	6.00	6.30	6.15		44.90	
22.30	30.00		Sqm	1	7.70	7.10	7.10	7.10		54.67	
30.00	33.50		Sqm	1	3.50	7.10	7.20	7.15		25.03	
		11th Cross Road									
		North To South									
0.00	15.00		Sqm	1	15.00	7.60	7.05	7.33		109.88	
15.00	30.00		Sqm	1	15.00	7.05	7.20	7.13		106.88	
30.00	45.00		Sqm	1	15.00	7.20	6.90	7.05		105.75	
45.00	60.00		Sqm	1	15.00	6.90	7.20	7.05		105.75	
60.00	75.00		Sqm	1	15.00	7.20	7.00	7.10		106.50	
75.00	90.00		Sqm	1	15.00	7.00	7.30	7.15		107.25	
90.00	105.00		Sqm	1	15.00	7.30	7.40	7.35		110.25	
105.00	114.00		Sqm	1	9.00	7.40	7.40	7.40		66.60	
114.00	118.00		Sqm	1	4.00	6.00	6.00	6.00		24.00	
118.00	127.60		Sqm	1	9.60	5.00	5.40	5.20		49.92	
127.60	135.00		Sqm	1	7.40	6.30	6.30	6.30		46.62	
135.00	150.00		Sqm	1	15.00	6.30	5.90	6.10		91.50	
150.00	154.20		Sqm	1	4.20	7.20	7.20	7.20		30.24	
		Deduction									
		Chamber	Sqm	-8	0.70	1.00	1.00	1.00		-5.60	
		Manhole	Sqm	-19	0.64					-12.09	
					Area of Circle= (3.142*0.9*0.9)/4=0.64						
									Total Executed Quantity	5636.99	
									Qty Carried to Summary	5636.99	

3720.10

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL Pro Sig..... Date..... BANGALORE

K. Sankara Reddy
Contactor

PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.23		**Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		30-01-2023									
		Vidyaranyapura Sub division									
		Ganesh Nagar									
		6th Cross Road									
		From North To South									
0.00	15.00		Cum	1	15.00	5.05	5.00	5.00	0.05	3.75	
15.00	16.80		Cum	1	1.80	5.00	5.00	5.00	0.05	0.45	
16.80	30.00		Cum	1	13.20	4.50	4.10	4.10	0.05	2.71	
30.00	45.00		Cum	1	15.00	4.10	3.80	3.80	0.05	2.85	
45.00	50.10		Cum	1	5.10	3.80	3.90	3.90	0.05	0.99	
50.10	52.10		Cum	1	2.00	4.65	4.65	4.65	0.05	0.47	
52.10	60.00		Cum	1	7.90	5.10	4.75	4.75	0.05	1.88	
60.00	68.30		Cum	1	8.30	4.75	4.70	4.70	0.05	1.95	
68.30	75.00		Cum	1	6.70	5.15	5.15	5.15	0.05	1.73	
75.00	86.00		Cum	1	11.00	5.15	5.10	5.10	0.05	2.81	
86.00	90.00		Cum	1	4.00	4.55	4.15	4.15	0.05	0.83	
90.00	105.00		Cum	1	15.00	4.15	4.20	4.20	0.05	3.15	
105.00	120.00		Cum	1	15.00	4.20	5.10	5.10	0.05	3.83	
120.00	123.50		Cum	1	3.50	5.10	5.10	5.10	0.05	0.89	
123.50	135.00		Cum	1	11.50	4.55	5.10	5.10	0.05	2.93	
135.00	141.10		Cum	1	6.10	4.00	4.10	4.10	0.05	1.25	
141.10	148.10		Cum	1	7.00	5.30	5.00	5.00	0.05	1.75	
		6th Cross Connecting Road									
		West To East									
0.00	13.60		Cum	1	13.60	6.20	6.20	6.20	0.05	4.22	
13.60	16.90		Cum	1	3.30	9.50	9.10	9.30	0.05	1.53	
		2nd Main, 7th Cross Road									
		From North To South									
0.00	12.14		Cum	1	12.14	5.90	5.90	5.90	0.05	3.58	
12.14	15.00		Cum	1	2.86	5.40	5.30	5.35	0.05	0.77	
15.00	30.00		Cum	1	15.00	5.30	4.10	4.70	0.05	3.53	
30.00	31.30		Cum	1	1.30	4.10	4.30	4.20	0.05	0.27	
31.30	45.00		Cum	1	13.70	5.20	5.20	5.20	0.05	3.56	
45.00	49.50		Cum	1	4.50	5.20	5.20	5.20	0.05	1.17	
49.50	60.00		Cum	1	10.50	5.20	5.20	5.20	0.05	2.73	
60.00	75.00		Cum	1	15.00	5.20	4.85	5.03	0.05	3.77	
75.00	76.90		Cum	1	1.90	4.85	4.95	4.90	0.05	0.47	
76.90	81.10		Cum	1	4.20	5.65	6.20	5.93	0.05	1.24	
81.10	90.00		Cum	1	8.90	6.20	6.10	6.15	0.05	2.74	
90.00	104.40		Cum	1	14.40	6.10	6.00	6.05	0.05		
104.40	113.40		Cum	1	9.00	5.10	4.90	5.00	0.05	2.25	
113.40	120.00		Cum	1	6.60	5.60	5.80	5.70	0.05	1.88	

AEE (VRP) SD

AEE (VRP) SD

72.26

Sig.....
Date.....

Contactor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
Bangalore - 97

PRE MEASUREMENT SHEET
First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
120.00	135.00		Cum	1	15.00	5.80	5.80	5.80	0.05	4.35	72.36
135.00	140.00		Cum	1	5.00	5.80	5.80	5.80	0.05	1.45	
		7th A Cross Road									
		From North To South									
0.00	3.30		Cum	1	3.30	6.70	5.60	6.15	0.05	1.01	
3.30	15.00		Cum	1	11.70	5.60	4.40	5.00	0.05	2.93	
15.00	17.60		Cum	1	2.60	4.40	4.20	4.30	0.05	0.56	
17.60	25.80		Cum	1	8.20	5.10	4.90	5.00	0.05	2.05	
25.80	30.00		Cum	1	4.20	5.40	5.20	5.30	0.05	1.11	
30.00	36.80		Cum	1	6.80	5.20	5.40	5.30	0.05	1.80	
36.80	45.00		Cum	1	8.20	5.90	5.80	5.85	0.05	2.40	
45.00	48.60		Cum	1	3.60	5.80	5.50	5.65	0.05	1.02	
48.60	53.60		Cum	1	5.00	6.00	5.80	5.90	0.05	1.48	
53.60	60.00		Cum	1	6.40	5.10	4.40	4.75	0.05	1.52	
60.00	62.80		Cum	1	2.80	4.40	4.90	4.65	0.05	0.65	
62.80	75.00		Cum	1	12.20	5.60	5.20	5.40	0.05	3.29	
75.00	81.20		Cum	1	6.20	5.20	4.90	5.05	0.05	1.57	
81.20	90.00		Cum	1	8.80	5.80	6.10	5.95	0.05	2.62	
90.00	105.00		Cum	1	15.00	6.10	5.30	5.70	0.05	4.28	
105.00	119.90		Cum	1	14.90	5.30	5.90	5.60	0.05	4.17	
		8th Cross Road									
		South To North									
0.00	7.80		Cum	1	7.80	6.60	5.90	6.25	0.05	2.44	
7.80	15.00		Cum	1	7.20	6.40	7.10	6.75	0.05	2.43	
15.00	30.00		Cum	1	15.00	7.60	7.80	7.70	0.05	5.78	
30.00	31.90		Cum	1	1.90	7.80	7.75	7.78	0.05	0.74	
31.90	45.00		Cum	1	13.10	7.00	7.50	7.25	0.05	4.75	
45.00	60.00		Cum	1	15.00	7.50	7.80	7.65	0.05	5.74	
60.00	67.20		Cum	1	7.20	7.80	7.10	7.45	0.05	2.68	
67.20	68.80		Cum	1	1.60	5.90	5.80	5.85	0.05	0.47	
68.80	75.00		Cum	1	6.20	5.30	5.20	5.25	0.05	1.63	
75.00	90.00		Cum	1	15.00	5.20	6.20	5.70	0.05	4.28	
90.00	95.50		Cum	1	5.50	6.20	6.30	6.25	0.05	1.72	
95.50	105.00		Cum	1	9.50	7.60	7.40	7.50	0.05	3.56	
105.00	109.70		Cum	1	4.70	7.40	7.80	7.60	0.05	1.79	
109.70	114.00		Cum	1	4.30	6.90	7.30	7.10	0.05	1.53	
114.00	115.80		Cum	1	1.80	2.20	2.40	2.30	0.05	0.21	
115.80	120.00		Cum	1	4.20	6.10	5.40	5.75	0.05	1.21	
120.00	130.10		Cum	1	10.10	5.40	5.10	5.25	0.05	2.65	
130.10	135.00		Cum	1	4.90	5.60	5.70	5.65	0.05	1.38	
135.00	138.90		Cum	1	3.90	5.70	5.65	5.68	0.05	1.11	
138.90	160.90		Cum	1	22.00	4.90	4.60	4.75	0.05	5.23	
160.90	165.00		Cum	1	4.10	5.60	5.60	5.60	0.05	1.15	
165.00	166.10		Cum	1	1.10	5.60	5.60	5.60	0.05	0.31	
166.10	170.60		Cum	1	4.50	6.40	6.40	6.40	0.05	1.44	
		8th A Cross Road									
		From East To West									
0.00	1.90		Cum	1	1.90	9.10	5.80	7.45	0.05	0.71	
1.90	15.00		Cum	1	13.10	5.80	6.00	5.90	0.05	3.86	
15.00	30.00		Cum	1	15.00	6.00	6.10	6.05	0.05	4.54	
30.00	33.90		Cum	1	3.90	6.10	6.30	6.20	0.05	1.21	
33.90	45.00		Cum	1	11.10	7.10	7.20	7.15	0.05	3.97	
45.00	55.40		Cum	1	10.40	7.20	7.30	7.25	0.05	3.77	

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

CIVIL Engineer Sig Date BANGALORE

K. Sankar Reddy
Contactor

JMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P. Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
55.40	66.40		Cum	1	11.00	5.80	6.00	5.90	0.05	3.25	182.76
		8th A Cross Opposite Road									
		From West To East									
0.00	1.90		Cum	1	1.90	7.10	6.10	6.60	0.05	0.63	
1.90	12.80		Cum	1	10.90	6.10	6.50	6.30	0.05	3.43	
12.80	15.00		Cum	1	2.20	7.40	7.40	7.40	0.05	0.81	
15.00	30.00		Cum	1	15.00	7.40	7.40	7.40	0.05	5.55	
30.00	35.40		Cum	1	5.40	7.40	7.40	7.40	0.05	2.00	
		8th B Cross Road									
		From East To West									
0.00	6.00		Cum	1	6.00	6.60	6.40	6.50	0.05	1.95	
6.00	12.30		Cum	1	6.30	6.40	5.90	6.15	0.05	1.94	
12.30	15.00		Cum	1	2.70	6.30	6.10	6.20	0.05	0.84	
15.00	22.30		Cum	1	7.30	6.10	6.10	6.10	0.05	2.23	
22.30	30.00		Cum	1	7.70	5.45	5.30	5.38	0.05	2.07	
30.00	33.50		Cum	1	3.50	5.30	5.40	5.35	0.05	0.94	
33.50	44.00		Cum	1	10.50	6.30	6.20	6.25	0.05	3.28	
44.00	45.00		Cum	1	1.00	5.30	5.30	5.30	0.05	0.27	
45.00	55.40		Cum	1	10.40	5.30	5.30	5.30	0.05	2.76	
55.40	60.00		Cum	1	4.60	6.70	7.25	6.98	0.05	1.60	
60.00	65.50		Cum	1	5.50	7.25	7.40	7.33	0.05	2.[illegible]	
		8th B Cross Opposite Road									
		West To East									
0.00	1.20		Cum	1	1.20	8.50	7.10	7.80	0.05	0.47	
1.20	11.02		Cum	1	9.82	7.10	7.10	7.10	0.05	3.49	
11.02	15.00		Cum	1	3.98	5.95	6.00	5.98	0.05	1.19	
15.00	22.30		Cum	1	7.30	6.00	6.30	6.15	0.05	2.24	
22.30	30.00		Cum	1	7.70	7.10	7.10	7.10	0.05	2.73	
30.00	33.50		Cum	1	3.50	7.10	7.20	7.15	0.05	1.25	
		11th Cross Road									
		North To South									
0.00	15.00		Cum	1	15.00	7.60	7.05	7.33	0.05	5.49	
15.00	30.00		Cum	1	15.00	7.05	7.20	7.13	0.05	5.34	
30.00	45.00		Cum	1	15.00	7.20	6.90	7.05	0.05	5.29	
45.00	60.00		Cum	1	15.00	6.90	7.20	7.05	0.05	5.29	
60.00	75.00		Cum	1	15.00	7.20	7.00	7.10	0.05	5.33	
75.00	90.00		Cum	1	15.00	7.00	7.30	7.15	0.05	5.36	
90.00	105.00		Cum	1	15.00	7.30	7.40	7.35	0.05	5.51	
105.00	114.00		Cum	1	9.00	7.40	7.40	7.40	0.05	3.33	
114.00	118.00		Cum	1	4.00	6.00	6.00	6.00	0.05	1.20	
118.00	127.60		Cum	1	9.60	5.00	5.40	5.20	0.05	2.50	
127.60	135.00		Cum	1	7.40	6.30	6.30	6.30	0.05	2.33	
135.00	150.00		Cum	1	15.00	6.30	5.90	6.10	0.05	4.58	
150.00	154.20		Cum	1	4.20	7.20	7.20	7.20	0.05	1.51	
		Deduction									
		Chamber	Cum	-8	0.70	1.00	1.00	1.00	0.05	-0.28	
		Manhole	Cum	-19	0.64				0.05	-0.60	
					Area of Circle= (3.142*0.9*0.9)/4=0.64						
									Total Executed Quantity	**281.85**	
									Qty Carried to Summary	**281.85**	

AEE (VRP) SD

AEE (VRP) S[illegible]

CIVIL PRE... Sig... Date... BANGALORE

K. Sankar Reddy
Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.25		**Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification and as per the directions of the Engineer-in-charge of the work**									
Measurements taken on		10-02-2023									
		Vidyaranyapura Sub division									
		Ganesh Nagar									
		6th Cross Road									
		From North To South									
0.00	15.00		Sqm	1	15.00	5.05	5.00	5.00		75.00	
15.00	16.80		Sqm	1	1.80	5.00	5.00	5.00		9.00	
16.80	30.00		Sqm	1	13.20	4.50	4.10	4.10		54.12	
30.00	45.00		Sqm	1	15.00	4.10	3.80	3.80		57.00	
45.00	50.10		Sqm	1	5.10	3.80	3.90	3.90		19.89	
50.10	52.10		Sqm	1	2.00	4.65	4.65	4.65		9.30	
52.10	60.00		Sqm	1	7.90	5.10	4.75	4.75		37.53	
60.00	68.30		Sqm	1	8.30	4.75	4.70	4.70		39.01	
68.30	75.00		Sqm	1	6.70	5.15	5.15	5.15		34.51	
75.00	86.00		Sqm	1	11.00	5.15	5.10	5.10		56.10	
86.00	90.00		Sqm	1	4.00	4.55	4.15	4.15		16.60	
90.00	105.00		Sqm	1	15.00	4.15	4.20	4.20		63.00	
105.00	120.00		Sqm	1	15.00	4.20	5.10	5.10		76.50	
120.00	123.50		Sqm	1	3.50	5.10	5.10	5.10		17.85	
123.50	135.00		Sqm	1	11.50	4.55	5.10	5.10		58.65	
135.00	141.10		Sqm	1	6.10	4.00	4.10	4.10		25.01	
141.10	148.10		Sqm	1	7.00	5.30	5.00	5.00		35.00	
		6th Cross Connecting Road									
		West To East									
0.00	13.60		Sqm	1	13.60	6.20	6.20	6.20		84.32	
13.60	16.90		Sqm	1	3.30	9.50	9.10	9.30		30.69	
		2nd Main, 7th Cross Road									
		From North To South									
0.00	12.14		Sqm	1	12.14	5.90	5.90	5.90		71.63	
12.14	15.00		Sqm	1	2.86	5.40	5.30	5.35		15.30	
15.00	30.00		Sqm	1	15.00	5.30	4.10	4.70		70.50	
30.00	31.30		Sqm	1	1.30	4.10	4.30	4.20		5.46	
31.30	45.00		Sqm	1	13.70	5.20	5.20	5.20		71.24	
45.00	49.50		Sqm	1	4.50	5.20	5.20	5.20		23.40	
49.50	60.00		Sqm	1	10.50	5.20	5.20	5.20		54.60	
60.00	75.00		Sqm	1	15.00	5.20	4.85	5.03		75.38	
75.00	76.90		Sqm	1	1.90	4.85	4.95	4.90		9.31	
76.90	81.10		Sqm	1	4.20	5.65	6.20	5.93		24.88	
81.10	90.00		Sqm	1	8.90	6.20	6.10	6.15		54.74	
90.00	104.40		Sqm	1	14.40	6.10	6.00	6.05		87.12	
104.40	113.40		Sqm	1	9.00	5.10	4.90	5.00		45.00	
113.40	120.00		Sqm	1	6.60	5.60	5.80	5.70		37.62	
120.00	135.00		Sqm	1	15.00	5.80	5.80	5.80		87.00	
135.00	140.00		Sqm	1	5.00	5.80	5.80	5.80		29.00	

AEE (VRP) SD

1561.24

Sig.....
Date.....
BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		7th A Cross Road									
		From North To South									
0.00	3.30		Sqm	1	3.30	6.70	5.60	6.15		20.30	
3.30	15.00		Sqm	1	11.70	5.60	4.40	5.00		58.50	
15.00	17.60		Sqm	1	2.60	4.40	4.20	4.30		11.18	
17.60	25.80		Sqm	1	8.20	5.10	4.90	5.00		41.00	
25.80	30.00		Sqm	1	4.20	5.40	5.20	5.30		22.26	
30.00	36.80		Sqm	1	6.80	5.20	5.40	5.30		36.04	
36.80	45.00		Sqm	1	8.20	5.90	5.80	5.85		47.97	
45.00	48.60		Sqm	1	3.60	5.80	5.50	5.65		20.34	
48.60	53.60		Sqm	1	5.00	6.00	5.80	5.90		29.50	
53.60	60.00		Sqm	1	6.40	5.10	4.40	4.75		30.40	
60.00	62.80		Sqm	1	2.80	4.40	4.90	4.65		13.02	
62.80	75.00		Sqm	1	12.20	5.60	5.20	5.40		65.88	
75.00	81.20		Sqm	1	6.20	5.20	4.90	5.05		31.31	
81.20	90.00		Sqm	1	8.80	5.80	6.10	5.95		52.36	
90.00	105.00		Sqm	1	15.00	6.10	5.30	5.70		85.50	
105.00	119.90		Sqm	1	14.90	5.30	5.90	5.60		83.44	
		8th Cross Road									
		South To North									
0.00	7.80		Sqm	1	7.80	6.60	5.90	6.25		48.75	
7.80	15.00		Sqm	1	7.20	6.40	7.10	6.75		48.60	
15.00	30.00		Sqm	1	15.00	7.60	7.80	7.70		115.50	
30.00	31.90		Sqm	1	1.90	7.80	7.75	7.78		14.77	
31.90	45.00		Sqm	1	13.10	7.00	7.50	7.25		94.98	
45.00	60.00		Sqm	1	15.00	7.50	7.80	7.65		114.75	
60.00	67.20		Sqm	1	7.20	7.80	7.10	7.45		53.64	
67.20	68.80		Sqm	1	1.60	5.90	5.80	5.85		9.36	
68.80	75.00		Sqm	1	6.20	5.30	5.20	5.25		32.55	
75.00	90.00		Sqm	1	15.00	5.20	6.20	5.70		85.50	
90.00	95.50		Sqm	1	5.50	6.20	6.30	6.25		34.38	
95.50	105.00		Sqm	1	9.50	7.60	7.40	7.50		71.25	
105.00	109.70		Sqm	1	4.70	7.40	7.80	7.60		35.72	
109.70	114.00		Sqm	1	4.30	6.90	7.30	7.10		30.53	
114.00	115.80		Sqm	1	1.80	2.20	2.40	2.30		4.14	
115.80	120.00		Sqm	1	4.20	6.10	5.40	5.75		24.15	
120.00	130.10		Sqm	1	10.10	5.40	5.10	5.25		53.03	
130.10	135.00		Sqm	1	4.90	5.60	5.70	5.65		27.69	
135.00	138.90		Sqm	1	3.90	5.70	5.65	5.68		22.13	
138.90	160.90		Sqm	1	22.00	4.90	4.60	4.75		104.50	
160.90	165.00		Sqm	1	4.10	5.60	5.60	5.60		22.96	
165.00	166.10		Sqm	1	1.10	5.60	5.60	5.60		6.16	
166.10	170.60		Sqm	1	4.50	6.40	6.40	6.40		28.80	
		8th A Cross Road									
		From East To West									
0.00	1.90		Sqm	1	1.90	9.10	5.80	7.45		14.16	
1.90	15.00		Sqm	1	13.10	5.80	6.00	5.90		77.29	
15.00	30.00		Sqm	1	15.00	6.00	6.10	6.05		90.75	
30.00	33.90		Sqm	1	3.90	6.10	6.30	6.20		24.18	
33.90	45.00		Sqm	1	11.10	7.10	7.20	7.15		79.37	
45.00	55.40		Sqm	1	10.40	7.20	7.30	7.25		75.40	
55.40	66.40		Sqm	1	11.00	5.80	6.00	5.90		64.90	

1561.24

AEE (VRP) SD

AEE (VRP) SD

AEE (VRP) SD

3320.19

CIVIL ITO Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
		8th A Cross Opposite Road									
		From West To East									3720.10
0.00	1.90		Sqm	1	1.90	7.10	6.10	6.60		12.54	
1.90	12.80		Sqm	1	10.90	6.10	6.50	6.30		68.67	
12.80	15.00		Sqm	1	2.20	7.40	7.40	7.40		16.28	
15.00	30.00		Sqm	1	15.00	7.40	7.40	7.40		111.00	
30.00	35.40		Sqm	1	5.40	7.40	7.40	7.40		39.96	
		8th B Cross Road									
		From East To West									
0.00	6.00		Sqm	1	6.00	6.60	6.40	6.50		39.00	
6.00	12.30		Sqm	1	6.30	6.40	5.90	6.15		38.75	
12.30	15.00		Sqm	1	2.70	6.30	6.10	6.20		16.74	
15.00	22.30		Sqm	1	7.30	6.10	6.10	6.10		44.53	
22.30	30.00		Sqm	1	7.70	5.45	5.30	5.38		41.39	
30.00	33.50		Sqm	1	3.50	5.30	5.40	5.35		18.73	
33.50	44.00		Sqm	1	10.50	6.30	6.20	6.25		65.63	
44.00	45.00		Sqm	1	1.00	5.30	5.30	5.30		5.30	
45.00	55.40		Sqm	1	10.40	5.30	5.30	5.30		55.12	
55.40	60.00		Sqm	1	4.60	6.70	7.25	6.98		32.09	
60.00	65.50		Sqm	1	5.50	7.25	7.40	7.33		40.29	
		8th B Cross Opposite Road									
		West To East									
0.00	1.20		Sqm	1	1.20	8.50	7.10	7.80		9.36	
1.20	11.02		Sqm	1	9.82	7.10	7.10	7.10		69.72	
11.02	15.00		Sqm	1	3.98	5.95	6.00	5.98		23.78	
15.00	22.30		Sqm	1	7.30	6.00	6.30	6.15		44.90	
22.30	30.00		Sqm	1	7.70	7.10	7.10	7.10		54.67	
30.00	33.50		Sqm	1	3.50	7.10	7.20	7.15		25.03	
		11th Cross Road									
		North To South									
0.00	15.00		Sqm	1	15.00	7.60	7.05	7.33		109.88	
15.00	30.00		Sqm	1	15.00	7.05	7.20	7.13		106.88	
30.00	45.00		Sqm	1	15.00	7.20	6.90	7.05		105.75	
45.00	60.00		Sqm	1	15.00	6.90	7.20	7.05		105.75	
60.00	75.00		Sqm	1	15.00	7.20	7.00	7.10		106.50	
75.00	90.00		Sqm	1	15.00	7.00	7.30	7.15		107.25	
90.00	105.00		Sqm	1	15.00	7.30	7.40	7.35		110.25	
105.00	114.00		Sqm	1	9.00	7.40	7.40	7.40		66.60	
114.00	118.00		Sqm	1	4.00	6.00	6.00	6.00		24.00	
118.00	127.60		Sqm	1	9.60	5.00	5.40	5.20		49.92	
127.60	135.00		Sqm	1	7.40	6.30	6.30	6.30		46.62	
135.00	150.00		Sqm	1	15.00	6.30	5.90	6.10		91.50	
150.00	154.20		Sqm	1	4.20	7.20	7.20	7.20		30.24	
		Deduction									
		Chamber	Sqm	-8	0.70	1.00	1.00	1.00		-5.60	
		Manhole	Sqm	-19	0.64					-12.09	
					Area of Circle= (3.142*0.9*0.9)/4=0.64						
									Total Executed Quantity	5636.99	
									Qty Carried to Summary	5636.99	

AEE (VRP) SD

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AEE (VRP)

CIVIL CTO Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.28		**Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately and as per the directions of the Engineer-in-charge of the work**									
Measurements taken on		13-02-2023									
		Vidyaranyapura Sub division									
		Siddivinayaka Layout									
		1st Main Road									
		East To West									
0.00	15.00		Cum	1	15.00	3.72	3.42	3.57	0.20	10.71	
15.00	30.00		Cum	1	15.00	3.42	3.35	3.39	0.20	10.16	
30.00	35.20		Cum	1	5.20	3.35	3.35	3.35	0.20	3.48	
35.20	38.10		Cum	1	2.90	3.02	2.94	2.98	0.20	1.73	
38.10	45.00		Cum	1	6.90	3.30	3.25	3.28	0.20	4.52	
45.00	60.00		Cum	1	15.00	3.25	3.44	3.35	0.20	10.04	
60.00	75.00		Cum	1	15.00	3.44	3.30	3.37	0.20	10.11	
75.00	90.00		Cum	1	15.00	3.30	3.30	3.30	0.20	9.90	
90.00	105.00		Cum	1	15.00	3.30	3.25	3.28	0.20	9.83	
105.00	111.40		Cum	1	6.40	3.25	2.95	3.10	0.20	3.97	
									Total Executed Quantity	**74.43**	
									Qty Carried to Summary	**74.43**	

AEE (VRP) SD

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.29		**Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm,aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing and as per the directions of the Engineer-in-charge of the work**									
Measurements taken on		21-02-2023									
		Vidyaranyapura Sub division									
		Siddivinayaka Layout									
		1st Main Road									
		East To West									
0.00	15.00		Cum	1	15.00	3.72	3.42	3.57	0.15	8.03	
15.00	30.00		Cum	1	15.00	3.42	3.35	3.39	0.15	7.62	
30.00	35.20		Cum	1	5.20	3.35	3.35	3.35	0.15	2.61	
35.20	38.10		Cum	1	2.90	3.02	2.94	2.98	0.15	1.30	
38.10	45.00		Cum	1	6.90	3.30	3.25	3.28	0.15	3.39	
45.00	60.00		Cum	1	15.00	3.25	3.44	3.35	0.15	7.53	
60.00	75.00		Cum	1	15.00	3.44	3.30	3.37	0.15	7.58	
75.00	90.00		Cum	1	15.00	3.30	3.30	3.30	0.15	7.43	
90.00	105.00		Cum	1	15.00	3.30	3.25	3.28	0.15	7.37	
105.00	111.40		Cum	1	6.40	3.25	2.95	3.10	0.15	2.98	
									Total Executed Quantity	55.83	
									Qty Carried to Summary	55.83	

AEE (VRP) SD

CIVIL Pro Sig Date BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Divisio
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.33		**Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		21-02-2023									
			Cum								
		Qty Vide From Item no 1+2+4+16+28								**2343.61**	
									Total Executed Quantity	**2343.61**	
									Qty Carried to Summary	**2343.61**	

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.34		**Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		21-02-2023									
		Qty vid from item no-33	**t.km**		2343.61		1.28			2999.83	
									Total Executed Quantity	**2999.83**	
									Qty Carried to Summary	**2999.83**	

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.22		**Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means and as per the directions of the Engineer-in-charge of the work**									
Measurements taken on		11-01-2023									
		Kodigehalli Subdivision									
		Pillapa Layout(1st cross Road)									
		(W0815)									
		From North To South									
0.00	15.00		Sqm	1	15.00	6.55	6.42	6.49		97.28	
15.00	15.60		Sqm	1	0.60	6.42	6.30	6.36		3.82	
15.60	22.70		Sqm	1	7.10	6.42	7.10	6.76		48.00	
22.70	30.00		Sqm	1	7.30	7.10	6.95	7.03		51.28	
30.00	42.40		Sqm	1	12.40	6.95	7.23	7.09		87.92	
42.40	45.00		Sqm	1	2.60	6.50	6.50	6.50		16.90	
45.00	51.10		Sqm	1	6.10	6.50	6.35	6.43		39.19	
51.10	60.00		Sqm	1	8.90	5.40	5.35	5.38		47.84	
60.00	63.10		Sqm	1	3.10	5.35	5.30	5.33		16.51	
63.10	69.80		Sqm	1	6.70	6.30	6.20	6.25		41.88	
69.80	75.00		Sqm	1	5.20	7.15	7.10	7.13		37.05	
75.00	90.00		Sqm	1	15.00	7.10	7.05	7.08		106.13	
90.00	105.00		Sqm	1	15.00	7.05	7.05	7.05		105.75	
105.00	120.00		Sqm	1	15.00	7.05	6.95	7.00		105.00	
120.00	126.90		Sqm	1	6.90	6.95	7.00	6.98		48.13	
126.90	131.50		Sqm	1	4.60	6.00	5.97	5.99		27.53	
131.50	133.70		Sqm	1	2.20	7.05	7.10	7.08		15.56	
133.70	135.00		Sqm	1	1.30	6.60	6.50	6.55		8.52	
135.00	140.90		Sqm	1	5.90	6.50	6.56	6.53		38.53	
140.90	150.00		Sqm	1	9.10	7.10	7.15	7.13		64.84	
150.00	165.00		Sqm	1	15.00	7.15	7.25	7.20		108.00	
165.00	180.00		Sqm	1	15.00	6.03	5.65	5.84		87.60	
180.00	183.90		Sqm	1	3.90	5.65	5.76	5.71		22.25	
		East To West									
0.00	7.10		Sqm	1	7.10	8.20	8.25	8.23		58.40	
7.10	15.00		Sqm	1	7.90	7.45	7.35	7.40		58.46	
15.00	24.30		Sqm	1	9.30	7.35	7.26	7.31		67.94	
24.30	30.00		Sqm	1	5.70	6.57	6.90	6.74		38.39	
30.00	34.20		Sqm	1	4.20	6.90	6.90	6.90		28.98	
		Siddhi Vinayaka Layout									
		4th Main road									
		From East To West									
0.00	15.00		Sqm	1	15.00	5.65	5.45	5.55		83.25	
15.00	18.30		Sqm	1	3.30	5.45	5.40	5.43		17.90	
18.30	30.00		Sqm	1	11.70	5.06	5.20	5.13		60.02	
30.00	45.00		Sqm	1	15.00	5.20	5.75	5.48		82.13	
45.00	57.00		Sqm	1	12.00	5.75	5.80	5.78		69.30	
57.00	60.00		Sqm	1	3.00	5.05	4.30	4.68		14.03	
60.00	75.00		Sqm	1	15.00	4.30	4.88	4.59		68.85	
75.00	90.00		Sqm	1	15.00	4.88	4.95	4.92		73.73	
90.00	105.00		Sqm	1	15.00	4.95	4.85	4.90		73.50	

2020-21

Contactor

PMC

Assistant Engineer

Assistant executive Engineer,
Kodigehalli Sub Division

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
105.00	108.80		Sqm	1	3.80	4.85	4.75	4.80		18.24	
108.80	116.50		Sqm	1	7.70	5.70	5.45	5.58		42.93	
116.50	120.00		Sqm	1	3.50	4.70	4.45	4.58		16.01	
120.00	135.00		Sqm	1	15.00	4.45	4.25	4.35		65.25	
135.00	150.00		Sqm	1	15.00	4.25	4.05	4.15		62.25	
150.00	154.50		Sqm	1	4.50	4.05	5.00	4.53		20.36	
154.50	163.10		Sqm	1	8.60	4.67	4.55	4.61		39.65	
163.10	165.00		Sqm	1	1.90	5.40	5.40	5.40		10.26	
165.00	180.00		Sqm	1	15.00	5.40	5.15	5.28		79.13	
180.00	191.00		Sqm	1	11.00	5.15	5.50	5.33		58.58	
191.00	193.30		Sqm	1	2.30	5.50	6.07	5.79		13.31	
		Cross Road 3									
		From South To North									
0.00	15.00		Sqm	1	15.00	4.25	4.50	4.38		65.63	
15.00	29.20		Sqm	1	14.20	4.50	5.15	4.83		68.52	
		2nd A Cross Road									
		From South To North									
0.00	15.00		Sqm	1	15.00	5.45	5.65	5.55		83.25	
15.00	29.10		Sqm	1	14.10	5.65	5.67	5.66		79.81	
29.10	30.00		Sqm	1	0.90	4.80	4.80	4.80		4.32	
30.00	40.00		Sqm	1	10.00	4.80	4.10	4.45		44.50	
		2nd Cross Road									
		From South To North									
0.00	1.40		Sqm	1	1.40	4.70	4.26	4.48		6.27	
1.40	15.00		Sqm	1	13.60	4.26	4.35	4.31		58.55	
15.00	24.90		Sqm	1	9.90	4.35	4.60	4.48		44.30	
24.90	28.90		Sqm	1	4.00	4.06	4.12	4.09		16.36	
28.90	30.00		Sqm	1	1.10	4.40	4.55	4.48		4.92	
30.00	39.20		Sqm	1	9.20	4.55	4.42	4.49		41.26	
									Total Executed Quantity	**2963.97**	
									Qty Carried to Summary	**2963.97**	

2020-21

Cable

Cable

Assistant Executive Engineer Kadugodi Sub Division BBMP

CIVIL Pro Sig..... Date..... BANGALORE

Contactor PMC

Assistant Engineer

Assistant executive Engineer

Assistant Executive Engineer Kadugodi Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.23		**Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per and as per the directions of the Engineer-in-charge of the work .**									
Measurements taken on		31-01-2023									
		Kodigehalli Subdivision									
		Pillapa Layout(1st cross Road)									
		(W0815)									
		From North To South									
0.00	15.00		Cum	1	15.00	6.55	6.42	6.49	0.05	4.86	
15.00	15.60		Cum	1	0.60	6.42	6.30	6.36	0.05	0.19	
15.60	22.70		Cum	1	7.10	6.42	7.10	6.76	0.05	2.40	
22.70	30.00		Cum	1	7.30	7.10	6.95	7.03	0.05	2.56	
30.00	42.40		Cum	1	12.40	6.95	7.23	7.09	0.05	4.40	
42.40	45.00		Cum	1	2.60	6.50	6.50	6.50	0.05	0.85	
45.00	51.10		Cum	1	6.10	6.50	6.35	6.43	0.05	1.96	
51.10	60.00		Cum	1	8.90	5.40	5.35	5.38	0.05	2.39	
60.00	63.10		Cum	1	3.10	5.35	5.30	5.33	0.05	0.83	
63.10	69.80		Cum	1	6.70	6.30	6.20	6.25	0.05	2.09	
69.80	75.00		Cum	1	5.20	7.15	7.10	7.13	0.05	1.85	
75.00	90.00		Cum	1	15.00	7.10	7.05	7.08	0.05	5.31	
90.00	105.00		Cum	1	15.00	7.05	7.05	7.05	0.05	5.29	
105.00	120.00		Cum	1	15.00	7.05	6.95	7.00	0.05	5.25	
120.00	126.90		Cum	1	6.90	6.95	7.00	6.98	0.05	2.41	
126.90	131.50		Cum	1	4.60	6.00	5.97	5.99	0.05	1.38	
131.50	133.70		Cum	1	2.20	7.05	7.10	7.08	0.05	0.78	
133.70	135.00		Cum	1	1.30	6.60	6.50	6.55	0.05	0.43	
135.00	140.90		Cum	1	5.90	6.50	6.56	6.53	0.05	1.93	
140.90	150.00		Cum	1	9.10	7.10	7.15	7.13	0.05	3.24	
150.00	165.00		Cum	1	15.00	7.15	7.25	7.20	0.05	5.40	
165.00	180.00		Cum	1	15.00	6.03	5.65	5.84	0.05	4.38	
180.00	183.90		Cum	1	3.90	5.65	5.76	5.71	0.05	1.11	
		East To West									
0.00	7.10		Cum	1	7.10	8.20	8.25	8.23	0.05	2.92	
7.10	15.00		Cum	1	7.90	7.45	7.35	7.40	0.05	2.92	
15.00	24.30		Cum	1	9.30	7.35	7.26	7.31	0.05	3.40	
24.30	30.00		Cum	1	5.70	6.57	6.90	6.74	0.05	1.92	
30.00	34.20		Cum	1	4.20	6.90	6.90	6.90	0.05	1.45	
		Siddhi Vinayaka Layout									
		4th Main road									
		From East To West									
0.00	15.00		Cum	1	15.00	5.65	5.45	5.55	0.05	4.16	
15.00	18.30		Cum	1	3.30	5.45	5.40	5.43	0.05	0.90	
18.30	30.00		Cum	1	11.70	5.06	5.20	5.13	0.05	3.00	
30.00	45.00		Cum	1	15.00	5.20	5.75	5.48	0.05	4.11	
45.00	57.00		Cum	1	12.00	5.75	5.80	5.78	0.05	3.47	

89.51

CIVIL ★ Sig..... Date..... ★ BANGALORE

K. Sankar Reddy
Contactor

BMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
57.00	60.00		Cum	1	3.00	5.05	4.30	4.68	0.05	0.70	
60.00	75.00		Cum	1	15.00	4.30	4.88	4.59	0.05	3.44	
75.00	90.00		Cum	1	15.00	4.88	4.95	4.92	0.05	3.69	
90.00	105.00		Cum	1	15.00	4.95	4.85	4.90	0.05	3.68	
105.00	108.80		Cum	1	3.80	4.85	4.75	4.80	0.05	0.91	
108.80	116.50		Cum	1	7.70	5.70	5.45	5.58	0.05	2.15	
116.50	120.00		Cum	1	3.50	4.70	4.45	4.58	0.05	0.80	
120.00	135.00		Cum	1	15.00	4.45	4.25	4.35	0.05	3.26	
135.00	150.00		Cum	1	15.00	4.25	4.05	4.15	0.05	3.11	
150.00	154.50		Cum	1	4.50	4.05	5.00	4.53	0.05	1.02	
154.50	163.10		Cum	1	8.60	4.67	4.55	4.61	0.05	1.98	
163.10	165.00		Cum	1	1.90	5.40	5.40	5.40	0.05	0.51	
165.00	180.00		Cum	1	15.00	5.40	5.15	5.28	0.05	3.96	
180.00	191.00		Cum	1	11.00	5.15	5.50	5.33	0.05	2.93	
191.00	193.30		Cum	1	2.30	5.50	6.07	5.79	0.05	0.67	
		Cross Road 3									
		From South To North									
0.00	15.00		Cum	1	15.00	4.25	4.50	4.38	0.05	3.28	
15.00	29.20		Cum	1	14.20	4.50	5.15	4.83	0.05	3.43	
		2nd A Cross Road									
		From South To North									
0.00	15.00		Cum	1	15.00	5.45	5.65	5.55	0.05	4.16	
15.00	29.10		Cum	1	14.10	5.65	5.67	5.66	0.05	3.99	
29.10	30.00		Cum	1	0.90	4.80	4.80	4.80	0.05	0.22	
30.00	40.00		Cum	1	10.00	4.80	4.10	4.45	0.05	2.23	
		2nd Cross Road									
		From South To North									
0.00	1.40		Cum	1	1.40	4.70	4.26	4.48	0.05	0.31	
1.40	15.00		Cum	1	13.60	4.26	4.35	4.31	0.05	2.93	
15.00	24.90		Cum	1	9.90	4.35	4.60	4.48	0.05	2.22	
24.90	28.90		Cum	1	4.00	4.06	4.12	4.09	0.05	0.82	
28.90	30.00		Cum	1	1.10	4.40	4.55	4.48	0.05	0.25	
30.00	39.20		Cum	1	9.20	4.55	4.42	4.49	0.05	2.06	
									Total Executed Quantity	**148.20**	
									Qty Carried to Summary	**148.20**	

89.51

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

CIVIL Pro
Sig.....
Date.....
BANGALORE

Contactor PMC Assistant Engineer

Assistant executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Virupakshapura, Bhudha Jyothi Layout Kodigenahalli , Maruthi Layout and Surrounding Areas in Ward No. 09, Vidyaranyapura

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
Item no.25		**Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification and as per the directions of the Engineer-in-charge of the work**									
Measurements taken on		13-02-2023									
		Kodigehalli Subdivision									
		Pillapa Layout(1st cross Road)									
		(W0815)									
		From North To South									
0.00	15.00		Sqm	1	15.00	6.55	6.42	6.49		97.28	
15.00	15.60		Sqm	1	0.60	6.42	6.30	6.36		3.82	
15.60	22.70		Sqm	1	7.10	6.42	7.10	6.76		48.00	
22.70	30.00		Sqm	1	7.30	7.10	6.95	7.03		51.28	
30.00	42.40		Sqm	1	12.40	6.95	7.23	7.09		87.92	
42.40	45.00		Sqm	1	2.60	6.50	6.50	6.50		16.90	
45.00	51.10		Sqm	1	6.10	6.50	6.35	6.43		39.19	
51.10	60.00		Sqm	1	8.90	5.40	5.35	5.38		47.84	
60.00	63.10		Sqm	1	3.10	5.35	5.30	5.33		16.51	
63.10	69.80		Sqm	1	6.70	6.30	6.20	6.25		41.88	
69.80	75.00		Sqm	1	5.20	7.15	7.10	7.13		37.05	
75.00	90.00		Sqm	1	15.00	7.10	7.05	7.08		106.13	
90.00	105.00		Sqm	1	15.00	7.05	7.05	7.05		105.75	
105.00	120.00		Sqm	1	15.00	7.05	6.95	7.00		105.00	
120.00	126.90		Sqm	1	6.90	6.95	7.00	6.98		48.13	
126.90	131.50		Sqm	1	4.60	6.00	5.97	5.99		27.53	
131.50	133.70		Sqm	1	2.20	7.05	7.10	7.08		15.56	
133.70	135.00		Sqm	1	1.30	6.60	6.50	6.55		8.52	
135.00	140.90		Sqm	1	5.90	6.50	6.56	6.53		38.53	
140.90	150.00		Sqm	1	9.10	7.10	7.15	7.13		64.84	
150.00	165.00		Sqm	1	15.00	7.15	7.25	7.20		108.00	
165.00	180.00		Sqm	1	15.00	6.03	5.65	5.84		87.60	
180.00	183.90		Sqm	1	3.90	5.65	5.76	5.71		22.25	
		East To West									
0.00	7.10		Sqm	1	7.10	8.20	8.25	8.23		58.40	
7.10	15.00		Sqm	1	7.90	7.45	7.35	7.40		58.46	
15.00	24.30		Sqm	1	9.30	7.35	7.26	7.31		67.94	
24.30	30.00		Sqm	1	5.70	6.57	6.90	6.74		38.39	
30.00	34.20		Sqm	1	4.20	6.90	6.90	6.90		28.98	
		Siddhi Vinayaka Layout									
		4th Main road									
		From East To West									
0.00	15.00		Sqm	1	15.00	5.65	5.45	5.55		83.25	
15.00	18.30		Sqm	1	3.30	5.45	5.40	5.43		17.90	
18.30	30.00		Sqm	1	11.70	5.06	5.20	5.13		60.02	
30.00	45.00		Sqm	1	15.00	5.20	5.75	5.48		82.13	
45.00	57.00		Sqm	1	12.00	5.75	5.80	5.78		69.30	
57.00	60.00		Sqm	1	3.00	5.05	4.30	4.68		14.03	
60.00	75.00		Sqm	1	15.00	4.30	4.88	4.59		68.85	

1873.11

K. Sankara Reddy
Contactor

CIVIL PMC BANGALORE Sig..... Date.....
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRE MEASUREMENT SHEET

First And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remark
75.00	90.00		Sqm	1	15.00	4.88	4.95	4.92		73.73	
90.00	105.00		Sqm	1	15.00	4.95	4.85	4.90		73.50	
105.00	108.80		Sqm	1	3.80	4.85	4.75	4.80		18.24	
108.80	116.50		Sqm	1	7.70	5.70	5.45	5.58		42.93	
116.50	120.00		Sqm	1	3.50	4.70	4.45	4.58		16.01	
120.00	135.00		Sqm	1	15.00	4.45	4.25	4.35		65.25	
135.00	150.00		Sqm	1	15.00	4.25	4.05	4.15		62.25	
150.00	154.50		Sqm	1	4.50	4.05	5.00	4.53		20.36	
154.50	163.10		Sqm	1	8.60	4.67	4.55	4.61		39.65	
163.10	165.00		Sqm	1	1.90	5.40	5.40	5.40		10.26	
165.00	180.00		Sqm	1	15.00	5.40	5.15	5.28		79.13	
180.00	191.00		Sqm	1	11.00	5.15	5.50	5.33		58.58	
191.00	193.30		Sqm	1	2.30	5.50	6.07	5.79		13.31	
		Cross Road 3									
		From South To North									
0.00	15.00		Sqm	1	15.00	4.25	4.50	4.38		65.63	
15.00	29.20		Sqm	1	14.20	4.50	5.15	4.83		68.52	
		2nd A Cross Road									
		From South To North									
0.00	15.00		Sqm	1	15.00	5.45	5.65	5.55		83.25	
15.00	29.10		Sqm	1	14.10	5.65	5.67	5.66		79.81	
29.10	30.00		Sqm	1	0.90	4.80	4.80	4.80		4.32	
30.00	40.00		Sqm	1	10.00	4.80	4.10	4.45		44.50	
		2nd Cross Road									
		From South To North									
0.00	1.40		Sqm	1	1.40	4.70	4.26	4.48		6.27	
1.40	15.00		Sqm	1	13.60	4.26	4.35	4.31		58.55	
15.00	24.90		Sqm	1	9.90	4.35	4.60	4.48		44.30	
24.90	28.90		Sqm	1	4.00	4.06	4.12	4.09		16.36	
28.90	30.00		Sqm	1	1.10	4.40	4.55	4.48		4.92	
30.00	39.20		Sqm	1	9.20	4.55	4.42	4.49		41.26	
									Total Executed Quantity	**2963.97**	
									Qty Carried to Summary	**2963.97**	

1823.11

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Ba...

Contactor PMC Assistant Engineer Assistant executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division